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PARK'S FLORAL MAGAZINE

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The most Popular Floral Journal in the World.



PARK'S FLORAL MAGAZINE has been continuously published under one management for more than 30 years, and is the favorite journal among amateur florists, having a circulation of more than 350,000 copies every month. It is entirely floral, and every issue is brimful of just the information the amateur florist needs. It answers questions, proposes exchanges, tells what to get, where and how to plant, and suggests the needed care of special plants. It tells you how to know and treat plant diseases, and how to avoid or get rid of pests. It is an encyclopædia of information, illustrated, and has an index at the close of each annual volume. Subscription price 50 cents for 5 years.

It should be at every home where flowers are cultivated, and only a little effort on the part of some floral friend in a community is needed to so place it. Kind reader, will you speak to others of the Magazine and send in a club of subscriptions? For a club of two subscriptions at 50 cents each I will send you a fine bulb of the beautiful Aigberth Amaryllis, or for a club of five names (\$2.50) I will send three Amaryllis bulbs, various colors.

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GEO. W. PARK, Libonia, Franklin Co., Pa.

P. S.—Those who do not find it convenient to get up a club may get the Amaryllis bulbs at 40c. each, or \$4.00 per doz. postpaid.

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WILBUR SEED MEAL CO.,
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Dear Band:—A year ago last April I planted five Gloxinia bulbs. Two of them commenced growing at once, and in due time were in bloom, one a beautiful shade of red. There were nine blossoms, and they lasted a long time. The other had numerous blossoms of pure white flowers. Now they are growing again, after a rest, and one of them has two buds. Two of the other bulbs did not seem inclined to grow, so I tucked them away in the corner behind some other plants and let them stay for a good long rest. Last February they started to grow, and grew so fast I could almost see them grow. Then followed the velvety blossoms, deep purple, shading to rich red and white speckled throat. One of the bulbs had thirty-five blossoms, the other had over forty and they lasted over six weeks. After they were done blooming I cut them back and set them in a dark pantry and watered slightly. The fifth bulb was the largest one of all. It took root but did not put out any leaves, and two or three times I took it up to throw it away, but as it was labeled Mont Blanc I was loath to do so. Finally, in the spring, I repotted it and watered just a little, covering with glass. It has commenced to grow, has four leaves, and I am looking forward to seeing its lovely, fragrant flowers.

Mrs. J. A. Lovejoy.

Sullivan Co., N. H., Sept. 13, 1901.

Lilies and Hyacinths.—Dear Band: Last spring I set a good clump of Funkia alba in a border beside the spring drain. There is always water within four or five inches of the surface of this bed. My Lilies grew well and bloomed as well as the old cluster. I do not know how they will winter, but the Hemerocallis, both single and double, do well in that bed. And there grows a clump of the wild, yellow Moccasin or Lady Slipper. But the Blackberry lily does not like the position. I planted a cluster of Iris there last year as an experiment. If they report favorably, I shall plant more of them. On Christmas day a package of Hyacinths was potted in a pan large enough to hold ten bulbs, and I am dreaming ahead of the beauty that is to be when they shake out their lovely bells. I loved the Hyacinths in my mother's garden, and have some of the outgrowth of her plants yet, and although three score years have gone over my head, I love them more as each spring comes. I do not lift these bulbs every year, but once in two or three years, as they get too thickly crowded if left longer. Mrs. M. C. Marshall.

Iudiana Co., Pa., Jan. 4, 1902.

Dear Band:—The bulbs I ordered in November are now brought to the lighted window, and are sending up strong, healthy leaves and flower stocks, and will soon be a "thing of beauty." There is nothing more cheerful in the winter home than a "winter box" of Hyacinths in full bloom. I had my boy make the box to fit, and rest on the edge of a south window; seven inches in width, and ten inches deep. A small chain extending from the out edge, fastened to small hooks in the window frame. I filled it to within two inches of the top, with well-rotted manure, common garden soil and sand in equal parts, and planted my bulbs according to instructions found in Park's Floral Magazine, and set them in a dark closet for four weeks, when they gave signs of wanting to find daylight. I then helped them to this place in the window that they were expected to fill, and my expectations are being realized by strong, healthy leaves and flower stocks, that will soon gladden all hearts with immense panacles of bloom.

Mrs. M. L. Wolf.

Shelby Co., Ohio, Jan. 8, 1902.

Dear Band:—Because I failed to put up enough soil under shelter when the weather was good, to use when the ground was wet and frozen that it could not be dug for flower planting, let me urge all to put a barrel in an old shed, or under some shelter and fill full with soil when the ground is dry in the fall. Then they will be ready all winter to put out all the flowers they may want.

Aunt Nan.

Clark Co., Ky., Dec. 26, 1901.

CHOICE VEGETABLE SEEDS.

For 10 cents I send these Choice Vegetable Seeds—10 well-filled packets, fresh, first-class and of the very best sorts. There are none better. See your friends and neighbors and get up a club. Read the list:

Beet, Improved Edmand.

A perfect Beet for family use, surpassing all others. It is early, of large size, blood red, never woody, but always tender, very sweet, rich and melting. Very productive and keeps well till spring. Use it once and you will have no other. Per oz. 5 cents, $\frac{1}{4}$ lb. 12 cents, lb. 35.

Cabbage, Select Early Jersey Wakefield.

This is the earliest Cabbage in cultivation, and the strain offered bears heads almost twice the size of the common Wakefield Cabbage, while it is short-stemmed, very solid, and can be used throughout the season. It is sure to head, and is sweet, crisp and delicious, either raw or cooked. It is certainly the best early Cabbage. Per oz. 12c., $\frac{1}{4}$ lb. 40c. lb. \$1.50.

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For the main crop this is the best of all varieties of Cabbage. Every plant forms an immense, solid head, sweet, crisp, tender, does not often burst, and keeps well throughout winter. It can truly be called Excelsior, as there is not another late variety that can excel it in any respect, no matter how highly described or how wonderful its history. This is the best late Cabbage. Nothing can be better than the best. Per oz. 12c., $\frac{1}{4}$ lb. 40c., lb. \$1.50.

Cucumber, Improved White Spine.

The most desirable of Cucumbers, either for slicing or pickling. Medium in size, early, very prolific, hand some in appearance, crisp and tender. It has no equal. Per ounce 5 cents, $\frac{1}{4}$ lb. 15 cents, lb. 50 cents.

Lettuce, Improved Hanson.

A very superior Lettuce, coming early and continuing tender and usable longer than any other sort. The leaves are beautifully curled and crimped, rich greenish golden yellow, densely arranged and devoid of the unpleasant bitterness of most sorts. Oz. 8 cts., $\frac{1}{4}$ lb. 25 cts.

Onion, Wethersfield Early Red.

This is a superior Onion, that matures early, yielding large, solid, mild-flavored bulbs that keep well till Onions come again. It produces large bulbs from seeds the first season when sown early, thinned and cultivated. For sets sow thickly. Per oz. 10 cts., $\frac{1}{4}$ lb. 35 cts., lb. \$1.25.

Muskmelon, Emerald Gem.

From repeated trials we believe the Emerald Gem is the best Muskmelon for the family garden. The melons are not large, but the vines are hardy and prolific, as easily grown as a Cucumber, and every melon will ripen sweet and delicious, even in locations where other sorts are worthless. A trial will convince you of its merits. Per ounce 5 cents, $\frac{1}{4}$ lb. 15 cents, lb. 50 cents.

Radish, Choice Mixture.

For the family garden a mixture of early, medium and late sorts is most satisfactory, as the Radish bed will thus supply the table throughout the season. I offer a first-class mixture of the best sorts, that will be sure to please. Per ounce 5 cents, $\frac{1}{4}$ lb. 15 cents, lb. 50 cents.

Parsnip, Improved Sugar.

This is not the old-fashioned, long, slim, late Parsnip but a greatly improved variety, large, thick, short, early maturing, of fine texture and very sugary. It is unexcelled and always satisfactory. The seeds offered are fresh and can be depended upon for a fine crop. Per ounce 5 cents, $\frac{1}{4}$ lb. 10 cents, lb. 35 cents.

Tomato, Improved Beauty.

A very early Tomato, large, smooth and solid, borne in fine clusters, sweet and of high flavor. Does not wrinkle, rot or crack, as many early Tomatoes do. Excellent for either slicing or canning. Unsurpassed as an all-around sort for the family garden. Per ounce 15 cents, $\frac{1}{4}$ lb. 50 cents, lb. \$1.50.

The above 10 packets Choicest Vegetables only 10 cents. Ask your friends to send with you. If not satisfied when you get the seeds return them and I will refund your money. To encourage club orders I will send one of the following for each additional order you may send, or all, 16 packets, for a club of 15 (\$1.50): Asparagus, Snap Bean, Carrot, Paschal Celery, Country Gentleman Sweet Corn, Egg Plant, Kohl Rabi, Watermelon, Parsley, McLean's Gem Pea, Squash, Stone Tomato, Salsify, Turnip, Rutabaga, Spinach. Any packet 3 cents, or all, including the 10-cent collection (26 pkts.), for only 25 cents. You can secure enough seeds for a large vegetable garden by a half hour's work among your friends. Address

GEO. W. PARK.
Libonia, Franklin Co., Pa.

PLEASE NOTE.—26 packets Best Vegetables, all different, a complete garden, only 25 cts. See list above



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PARK'S FLORAL MAGAZINE.

A MONTHLY JOURNAL OF FLORICULTURE.

Vol. XXXVIII.

Libonia, Pa., February, 1902.

No. 2.

FEBRUARY.

Winter, and snow, and cold,
Loud blows the wind so free,
But under the coverlet white I know
The blossoms are waiting for me.

Sunshine and balmy breeze,
Blowing from Southland warm,
Shall waken to cheer us the flowers that lie,
To-night, asleep in the storm.

Belle M. Brewster.

Chautauqua Co., N. Y., Jan. 21, 1902.

A SHOWY AUTUMN BED.

FEW persons, even of those who are well acquainted with annual flowers, know of the value of the semi-dwarf Asters as bedding plants. Tastefully arranged no lower makes a more showy or beautiful display

when in bloom. The flowers are large, of fine form, delicate in texture, brilliant in color, and last in bloom for a long time. They appear in a bed as a mass of bright color, the plants branching and growing of even height.

The bed represented in the engraving, is of three varieties of a fine strain of semi-dwarf Asters, with a marginal ring of the dwarf silvery, cut-leaved *Cerastium Biebersteini*. The large ring is bright rose, the next pure white, and the centre blue. This is an attractive arrangement, and with the dense, silvery *Cerastium*, the effect is charming.

The plants are easily grown from seeds, which may be sown in boxes in the house in March or April, and the plants bedded in May. Set in circular rows, six inches apart, and the same distance apart in the rows. They are not difficult to establish, and will soon cover the bed with a mass of radical leaves. The *Cerastium* plants should be set in a double row, four inches apart. They will thus form a close, feathery ring, contrasting nicely with the deep green of the Aster foliage. The Aster plants appear only as green rosettes upon the bed in summer, but as Autumn approaches the stems push up, branching, and developing masses of buds until in Autumn, when the whole bed appears as a mass of flowers enclosed by the silvery edging.

Occasionally Aster flowers are attacked by



DISPLAY OF SUPERB BEDDING ASTERS, EDGED WITH CERASTIUM.

a black beetle, which eats the petals, and destroys the beauty of the bed. This enemy is easily overcome by sprinkling with water in which has been stirred a small portion of paris green, say a teaspoonful to two gallons of water, kept well stirred while applying.

During the budding and blooming period the plants should not be allowed to suffer from drought. In a dry season the bed should be freely watered to secure the best results. The use of a liquid fertilizer is also beneficial.

Park's Floral Magazine.

A Monthly. Entirely Floral.

GEO. W. PARK, Editor and Publisher.

LIBONIA, FRANKLIN COUNTY, PA.

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THE EDITOR invites correspondence with all who love and cultivate flowers.

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FEBRUARY, 1902.

AMARYLLIS BELLADONNA.

AMARYLLIS BELLADONNA is a deciduous bulbous flower, mostly known as Belladonna Lily. It likes a compost of fibrous loam, leaf-mould and sand, equal parts. In England it is planted out, where the roots are not disturbed for many years. In planting the bulbs are set six inches deep in a well prepared bed, covered with sand two inches deep, and over this four inches of the compost, tramping it firmly. The method of culture could be used in America, where the climate is not too severe. Even in the colder sections the bulbs might be planted out, if a pile of litter were placed over to prevent the frost from reaching them. The scapes push up and develop the flowers before the leaves appear.

In house culture use large pots, well-drained, and water freely while growing. When the foliage is fully developed give a warm, sunny spot, and begin to apply water less freely until the foliage dies, then set the pots in a cool, but frost-proof place, and keep the soil barely moist till spring. Avoid frequent repotting.

About Soils.—The farmer or gardener can determine the character of soils in various ways. A soil in which lime abounds is known by the appearance of lime-stone "brakes", or rocks which occasionally show upon the surface. Iron in the soil is known by red clay and pebbles of iron ore. A soil strongly charged with alkali is often of a whitish color, and makes a foam or suds when stirred in water. A soil charged with acid has a natural growth of sorrel or sour grass upon it. A silicious soil, when washed, deposits elements of sand; also soil devoid of silica produces weak, soft-stemmed plants that have a tendency to "lodge." As a rule, however, any applications of an alkaline character, as lime, salt and nitrate of soda, are beneficial to plant growth, especially where the soils are sour or charged with acid. Where a vigorous growth is desired fertilizers in which ammonia abounds should be applied.

SHRUBS IN SUCCESSION.

THE earliest of all blooming, hardy shrubs are the Forsythias, Suspensa and Viridiflora. They develop their wreathes of golden bells almost before the leaf-buds show any green, and are always greatly prized and admired. *F. suspensa* pushes out long, slender branches, forming a beautiful weeping bush, six or eight feet high. It can be cut back and pegged down, and thus forms a golden mass as a bedding plant. *Viridiflora* has upright branches, is of tall growth, and of equal beauty. Both bloom about the same time.

Following these is the Japan Quince, which grows as a standard from two to six feet high, branching and making a showy bush of rich crimson flowers. Set near a wall or building and trained, this shrub will grow twelve or fifteen feet high, and is a beautiful subject. As a hedge plant it is also much appreciated.

The Quince is succeeded by Flowering Almond, Shubby Spireas, Deutzias, Flowering Currant, Lilac, Exochorda, Philadelphus, Weigla, Snowball and many other shrubs of the spring blooming class.

Later the wealth of fragrant bloom of Hall's Honeysuckle appears, with the golden double flowers of *Kerria Japonica*, and the big panicles of *Catalpa Kämpferi*. At the same time Roses of many kinds make the grounds gay with their charming array of fragrant bloom.

As the summer roses begin to fade the big showy flowers of the *Althea* open, only a few at first, but increasing in number as the days pass until the little trees are a mass of bright smiling bloom. Soon the *Hydrangea paniculata* is also showy, and together these shrubs decorate the grounds until the second crop of Roses, Honeysuckles and *Kerria Japonica* welcome the frosts of late autumn and keep company with the orange fruit clusters of the Bitter Sweet, the wreath of pendent pink *Euonymus Americana*, the scarlet hips of the *Rosa rugosa*, and *Eglantine* and the big crimson-scarlet panicles of the Sumac.

These shrubs are all hardy, all beautiful, all desirable, and all worthy of a place at every home. They will supply beauty in fruit and flower the entire season, the Honeysuckle and Privet holding their foliage and showing their green color till the colder days of mid-winter, accompanied by the brilliant scarlet berries of *Ilex verticillata*, which appear in the distance as a scarlet cloud. Once established they will all take care of themselves, and will bloom every season for many years.

A Good Fertilizer.—The litter from the horse stable is rich in ammonia, and its alkaline character has a tendency to sweeten as well as enrich any soil to which it is applied. Thoroughly incorporated while fresh it is very effective. It is valuable also in preparing a liquid fertilizer.

AFTER TREATMENT OF CALCEOLARIAS.

THE shrubby Calceolarias are excellent summer blooming plants when bedded out or plunged in a sheltered place in summer. They are not hardy at the north, however, and when the blooming period is past, take them up, cut back the branches severely, and keep the plants in a retired place in the plant room or conservatory, watering sparingly during winter. Early in spring give more light, heat and water, and when warm weather comes set them again where they are to bloom. The seeds are fine, but are easily started by careful handling.



Buttercup Oxalis.—This Oxalis increases very rapidly by bulb division. A large bulb will split up and form many bulblets, but, small as they are, they quickly develop into blooming size, and make plants with luxuriant foliage and fine clusters of flowers. When a large bulb divides into many small ones, the growth is smaller, and the diminished vigor is often mistaken for evidence of deterioration. Patient culture, however, will bring its reward in a large number of healthy blooming plants.

For a Dry Climate.—For the dry parts of the Indian Territory and other arid sections of country the following plants may be used: Abronia, Sedum, Vinca rosea, Calendula, Marigold, Gourd Vines and Tagetes signata pumila, all easily raised from seeds, obtained of the seedsman. Bryophyllum, Crassula, Agave in variety, Echeveria,actus in variety, Euonymus radicans, E. Japonica, Yucca in variety, and Myrtus communis, all mostly propagated from both seeds and cuttings.

Easter Lilies.—It is now impossible to depend upon the Bermuda Easter Lily either in pots or garden beds. Nearly or quite all of the bulbs are tainted with a disease, which causes the decay of the bulbs and the death of the plants. Until the disease abates the culture of the Bermuda Easter Lily should be abandoned. A good substitute, however, is the Branching Longiflorum Lily, grown in Japan. It is free from disease, has flowers almost identical in form, color and fragrance, and is almost as free-blooming.

Bedding Callas.—When a Calla fails to do well in a pot bed it out in a shady place in summer, where it will get an abundance of water. As winter approaches lift it, place in a box or pot, firming the earth, then water and set in a cool place till spring, giving only enough water to keep the roots from drying. Bed out again in the spring. Plants thus treated will soon develop into blooming plants.

ABOUT GRAFTING.

PROPAGATION by grafting is a very simple process. It is mostly practiced in early spring upon hard-wooded subjects, as trees and shrubs. The cions are taken of last year's growth, each with from one to three buds. After cutting off a half inch below the lower bud, a slice is taken off of each side, just below the bud, making a wedge-like end. A sharp knife is used, so that the cut may be smooth, and the remaining bark left secure to the wood. For placing the cion saw off a small bush or branch, having a diameter of from half-inch to an inch, split across the center by using a large knife blade and a mallet, making a division an inch in length. Removing the knife-blade, drive a small, narrow wedge in the center, to hold the stock apart for the insertion of the cions. Now place a cion on each side, the lower bud being outward, and carefully setting them so that the bark and wood of the cion and stock will meet, and, removing the wedge, cover the cut surface of the stock, and on each side where the split appears, with wax made as follows: 1 lb. rosin, $\frac{1}{2}$ lb. beeswax, and $\frac{1}{2}$ pint Linseed oil. Heat all together, stir, then cool and work with the hands, just as you would pull molasses taffy. This wax will keep for months, and is always ready for use. As a rule grafting should be done very early in the spring, before the buds begin to swell. If neglected till late in the season the work is not likely to be successful. Shielded from the hot rays of the sun also promotes the development and growth of the cion buds.

The Microphylla Rose.—This is a hardy Rose, vigorous in habit, and producing climbing shoots when planted in rich soil in a protected place. The branches are rather prickly, and clothed with shining green compound leaves, the leaflets being small, coriaceous, shining green, and set upon prickly stems. The flowers are large, double, cupped, fragrant and borne from July till late in autumn. The young growth of the common variety is mostly tигed red, and also the buds, but the flowers, when open, are creamy white, and beautiful. It is a desirable lasting Rose for out-door planting. It is propagated from cuttings of the half-ripened wood placed in sand.

Plants for Special Places.—In a poor, sun-exposed soil plant *Amaranthus* and *Perilla*. In a poor but moist soil, or partly shaded, *Nasturtiums* will luxuriate. For a dense shade, where the sun's rays never penetrate, *Parlor Ivy* and *Adlumia Cirrhosa* thrive and are charming vines, while the ground may be carpeted with the hardy *Myrtle*, *Lily of the Valley*, and *Ground Ivy*, all of which will bloom well in the spring. To make a dense screen in a sunny place use *Luffa acutangula*. The vines grow as rapidly as *Jonah's Gourd*, have rich foliage, and large, golden flowers, followed by showy fruit.

GREVILLEA ROBUSTA.

AS an ornamental plant the *Grevillea robusta* is generally prized. It has large, deeply serrated, silvery leaves, not unlike the fronds of some of the coarser Ferns, and has a fine appearance among the plants in an ordinary window collection.

Propagation is readily effected from seeds, which may be sown in window boxes early in the spring. As soon as up give the plants all the light possible, and do not allow them to suffer for want of water. When large enough pot off singly in a compost of fibrous loam and sand, firming the soil well, and supplying water freely. Shift into larger pots as growth advances, and avoid dryness, which will cause the lower leaves to drop, and thus destroy the beauty of the plants.

Plants started from seeds in the spring should occupy six-inch pots by fall, and be of sufficient size to make a fine window display during the winter, the foliage being evergreen. They may be kept at that season in



GREVILLEA ROBUSTA.

a temperature of 45°. When two years old the plants become too large to appear well in the window, and others should be coming on to take their place. They are of easy culture, and can be used in room decoration in the same manner as Palms and Ferns. The engraving fairly represents a plant as grown in a pot.

Canterbury Bells at Easter.—The hardy Border Carnations may be produced in full bloom at Easter, by sowing early, potting and repotting till in five-inch pots, then plunging these pots in full sunshine, keeping well-watered till fall. As cold weather approaches take them up, and give them a cool place, barely frost-proof, and water sparingly till February, when heat, sunlight and free-watering will develop the flower stems, buds and flowers. It is possible that the same treatment given the Canterbury Bell would be equally successful.

SOWING FINE SEEDS.

SUCH seeds as those of *Achimene*, *Begonia*, *Calceolaria*, *Gesneria* and *Gloxinia*, require care to start successfully. They should be sown over finely sifted soil. In the bottom of the pot place a layer of coarse sand, to act as drainage. Over this fill in coarse, fibrous soil till within two inches of the top, then cover with an inch layer of sifted soil. Pack each layer firmly, the soil being moderately dry, and after pressing the



surface level apply water until the soil is well moistened, and the water comes freely through the drainage hole in the pot. Then sift more fine soil over the surface, let stand awhile and press rows in which to sow the seeds using the sharp edge of a planed lath or board. Sow thinly in these rows, and do not cover with soil, but place a board cover over the pot and set in a dark, rather warm place for a few days, until germination takes place. Examine the pot daily, and as soon as the seeds start bring the pot or box to the light, substitute a pane of glass for the board, and give plenty of light, but avoid, at first, the direct rays of the sun. Remove the glass every fine day (as at *a*), and when the earth needs moisture apply it by setting the pot in a pan of water. Do this only when the soil appears to be drying. At night, and on cold days, keep the glass over the pot, (as at *b*). When the plants are large enough to pick out, transplant them to rows in a tray or pan of soil. They will soon develop into plants large enough to be potted and cared for as pot plants.

In all stages of the plantlets' growth give direct sunlight morning and evening, except for a few days at first. Avoid draughts of air, surface watering and variable degrees of moisture and temperature. Attention to these simple directions will enable anyone to meet with a fair measure of success in starting plants from the diminutive seeds produced by some of our finest window plants. The work is interesting, and calls for skill and judgment on the part of the culturist.

Rex Begonias.—To have fine specimens of *Rex Begonias* get plants in the spring, encourage free growth by good drainage, rich sandy loam, sheltering from sun and wind and shifting into larger pots as the plants grow. Placed in a box with damp moss around the pots the plants thrive, and make fine foliage. These fine summer-grown plants well cared for will retain their beauty all winter, and afford as much satisfaction as any other easily-grown foliage plants.

THE CANNA.

THE Canna has become the most popular bedding plant of the day, and is valued as much for its large, beautiful flowers now as it has been for its foliage in the past. This is being constantly improved, and long lists of new varieties are offered every year. A review of the catalogues will show that considerable space is devoted to this most popular plant. They are grown in both roots and seeds, but if able to chase roots I would say do not bother with seeds. Plant good, sound roots; they are most sure to grow. Plant the seeds, and they may come up in two weeks, or two months, it is very uncertain which. Unless the seeds are filed or scalded they may never come up. In starting the roots plant in long, narrow boxes, and when ready to transplant permanent beds the boxes may be pulled out without disturbing the roots. Label the clumps in starting them, so when ready to transplant the dwarf sorts will not be planted with the taller sorts should be, and thus lose the effect in massing. A new bed of the dwarf sorts is very interesting, as there are always some beautiful new varieties opening up a pleasant surprise as the flowers unfold. If a solid mass of dark crimson is wanted, then plant *Flamingo*. *S. Henderson*, *Alphonse Bouvier*, *Florence*, *Gagnon*, *Madam Crozy* and *Burbank* are all dwarf sorts, varying in height from two to four feet. One should know the height of each variety before planting, as it will not do to plant the dwarfs under a four foot canopy. The three Orchid-flowering Italian *Cannas*, *Austria*, *Italia* and *Alsace*, have been widely advertised by most florists; the flowers are very large and are beautifully formed. The flowers of any variety will be larger and later if given a very rich soil, and all the moisture they can drink. The bed should be made at least three feet deep, all the old soil removed, and filled up with alternate layers of well decayed manure, common garden soil, and rich woods earth. One can hardly make the Canna bed too rich, or give too much moisture. Some claim that the Canna will grow in any garden soil. This is true, but try growing in a very rich soil and plenty of moisture, and your flowers will be so large and bright that you will not be willing to go back to the ordinary culture. The flower stalks should be removed as soon as the flowers fade, to make room for the new shoots which soon develop.

Laura Jones.

Lincoln Co., Ky., Dec. 3, 1901.

NOTE.—The three essentials in successful Canna culture are, a sunny bed sheltered from severe winds, rich soil, and an abundance of water. In Mexico the Editor saw acres of wild Cannas growing and blooming luxuriantly in a rich bog covered with seven inches of stagnant water, and all in full exposure to the hot rays of a tropical sun. You cannot have too much exposure, or too rich a soil for Cannas, you cannot water them too freely while growing and blooming.—Ed.]

ACACIA LOPHANTHA.

WE made the acquaintance of this *Acacia* in an unconventional manner. The seeds were found in a mixture we bought, and were kept for some time before planting. Finally, we planted the large plump seeds, and it was so long before they started that we had given them up for failures. In fact, we dug them up, and finding them in a promising condition, and one actually showing a crevice with green within, we replaced them and waited. At last, however, the little plant broke ground, and rapidly made up for lost time. It grew so fast that we soon had to provide new quarters for it. The beautiful, fern-like foliage unfolded, and the plant began to be a thing of beauty. In a year it was as tall as the mistress of the home, and a lovelier thing she never saw. This, indeed, was the universal verdict. In short, this one plant awoke the latent love of plants in a great many of the neighbors, and in this respect became a real missionary. People who had never particularly cared for plants were all admiration for this stately plant, with its plummy, tremulous foliage. It makes one of the finest specimen plants for parlor decoration it is possible to have. Its culture is perfectly simple, and it responds readily to any care.

Mrs. W. A. Cutting.

Suffolk Co., Mass., Oct. 25, 1901.

Salvia, Silver Spot.—Last year I got a packet of fine seeds of this wonderful new plant. Four seeds germinated, yet only one had the spotted leaves. The other three were just the plain old red Sage. That one plant was worth the money I paid for all. It was a beauty. Every leaf was thickly marked with round creamy spots. I planted it in a large jar of not too rich soil, and gave it plenty of air and sunshine. It grew into a splendid plant from three to three and a half feet high, well branched and bearing long racemes of scarlet flowers. The plant is strong and vigorous and just as good a bloomer as the old variety. It doesn't seem to be weakened or to have lost its blooming qualities. I gathered all the seeds the little birds left me. This year about half my seeds were more or less spotted.

M. M. T.

McDowell Co., N. C., Sept. 22, 1901.

Abutilons.—Those who have grown only the tall Abutilons that are too long to shelter over winter after two or three years, have no idea what valuable pot plants the dwarf Abutilons make. Most of them are so much more free flowering than those that are allowed to grow into tall trees, but nearly all varieties can be made to grow into a dwarf bushy shape, by continual cutting back. Nearly all variegated sorts will send out pure green stalks, and unless these are cut out the whole plant will lose its variegation.

Laura Jones.

Lincoln Co., Ky., Dec. 3, 1901.

FLORAL MAGAZINE POETRY.

IF the Floral Magazines were made up wholly of prose articles, to me it would be but a monthly "shop talk" of digging, and planting and hoeing, quite devoid of that beautiful and higher sentiment and fancy which contact with flowers seems to inspire in the soul of most flower-lovers. Fortunately the editor allows these fancies to burgeon forth from month to month in the abundance of original verses which appear in the Magazines, and they seem to give it a kind of life power, and higher than that which comes from the mere "commercial" prose articles concerning the products of flower pots and gardens. If the prose furnishes the Magazine with a body, its poems are its soul.

The skilled versifier would probably find much to criticise in the mere mechanical construction of many of the poems, but let him not meddle with or change the fancies or theme which were their inspiration. To do so would be like straightening the "line of beauty" to improve it. It is indeed a pleasure to read these original verses from month to month, and to note the beautiful fancies and themes which floral nature inspired into the minds of the writers. However irregular and seemingly imperfect may be the mere construction of these, yet I prefer them just as they came forth from the hand of the writers. They have their own beauty, however irregular it may be. The profuseness and exact arrangement of the Pompon Dahlia never appealed to my fancy as being half so beautiful as the odd, irregular, and scanty petals of the Cactus and single varieties. I admire the artificial and much adorned parks, but I love the native wildwood. So I prefer these poems as prepared by their writers, for these are the unadorned outpourings of their poetic souls. It is wonderful how many a poetic "gem of purest ray serene" has appeared amongst the poems published in the Little Magazine. I would not be invidious, but let any who read these lines, read the little poem entitled "Hidden Merit" published in the November number. How beautiful, subtle was the fancy that conceived it. How conversant with nature was the writer. How radiant with hope is her heart as to the eventual finding of the good stored up in all things by the versificent Creator. You do well, Mr. Editor, to publish the worthy poems sent to you as the outpourings of the beautiful poetic souls among your patrons; for like the songs in the breasts of the birds, if they cannot find place to pour them forth, their gift will wither away. And we who read their productions have our interest in the beautiful continually renewed, and by them are given an insight into the higher regions of nature. The mere appearance and habits of nature and the flowers can, perhaps, be best described in colder prose,

yea, even in dead Latin; but their half hidden and half-apparent higher qualities beauties and uses, are best revealed to us by the living warmth and light of the poetic verse. Exanimio.

St. Lawrence Co., N. Y., Nov. 16, 1901.

Double Petunias.—Double Petunias are good flowers for the amateur. Get package of seed in the spring, and plant in box of common soil and keep moist. When the weather gets warm set the plants in sunny bed of rather poor soil, and in a short time they will bloom. If the soil is rich the foliage grows too rank, and they do not flower so freely. In September I take cutting of the most desirable ones, rooting them in water or soil. After they are rooted I put them in a south window and water very little till they are budded, which is about February. Then I give liquid manure once a week, and keep the soil moist. They will bloom from that time till it is warm enough to set them out again. I have grown them by this method for ten years. They do not need coaxing and petting like so many plants do.

Fannie B. Green.

Stark Co., Ill., Nov. 21, 1901.

A Showy Flower Bed.—A friend gave me seed of the tall growing Cosmos. I planted them in a long row in the center of a large bed. I prepared the bed by spading it up deep and putting in fertilizer from the horse stable. After pulverizing nicely I planted Cosmos seeds an inch deep, covered them and packed down the soil. I then planted Marigolds, then double Balsam, Snapdragon and Ageratum around the edge. The Cosmos were six ft. high, and a drift of white, pink and red; the Marigolds touched them with yellow and orange; the Balsams with pink, white and red, the Snapdragons were all colors and the Ageratum blue and white. It was beautiful to behold, and the admiration of my friends. E. G.

Montgomery Co., Miss., Nov. 26, 1901.

Heliotropes.—Heliotropes may be grown from seeds by planting or sowing in soil composed of sand, garden loam and well decayed manure. Plant the seeds and keep the box in a warm, sunny place, keeping the cloth pressed firmly down over the earth and water freely. After plants appear remove the cloth and place over top a pane of glass. Never withhold water, but have good drainage. Heliotropes will grow from seeds so out-doors in the first of June. The main thing is keeping them warm and well watered. I had clusters of flowers measuring most a foot across from plants raised in box out-doors. Annie Bowler

Roanoke Co., Va., Nov. 26, 1901.

Lime for Cactus.—I put pieces of lime as large as a Brazil nut just under the soil around the edge of my Cactus pots, and the plants grow beautifully. E. Lan

Suffolk Co., N. Y., Dec. 11, 1901.

IVY GERANIUMS.

IVY GERANIUMS belong to a class of plants very much neglected. It is very seldom that we see a collection of them, and rarely do we see a single plant in a collection. Most varieties bloom but once in a season, and that in May and June, but there are some constant bloomers. The glossy foliage is pretty, even when not in bloom, and then they make such excellent basket plants. If foliage is kept green and healthy they are attractive all seasons of the year, and the silver-leaved sorts are exceedingly ornamental. While great improvements have been made in the common Geranium, the Ivy-leaved is not being neglected. We can now have them both single and double and in large trusses with flowers two-and-a-half inches across. Sir Chas Turner is said to be the best Ivy Geranium grown. The flowers are very large, perfectly double, and a deep bright pink in color. Pure white is valued in any flower, and in the double Ivy Geranium is so very showy and pretty. Jeanne D. Arc is the nearest approach to pure white in the Ivy Geranium. The flowers are not a perfect white, but are suffused with lavender. This is a good grower and a constant bloomer. Culrier is one of the daintiest and most beautiful varieties of this class I have ever grown. In Geraniums red and pink are the predominating colors, varying through all the different shades, but in Culrier the color is a clear lilac, fading to blue, and a large, well-grown plant of this raised over a trellis is exceedingly beautiful. Mrs W. H. Cannell is a single variety that is most commonly grown. Holly Wreath and elegant are beautiful variegated sorts.

Laura Jones.

Lincoln Co., Ky., Nov. 1, 1901.

Auratum Lily.—The Auratum Lily is a beautiful Lily for pot culture. I got a nice large bulb and planted it in a bucket filled with leaf mould and decayed manure and sand. It sent up three large stocks which were crowned with the largest, loveliest blossoms I ever saw. They had delicious fragrance that filled the house.

Blanch Smith.

Lane Co., Oreg., Dec. 8, 1901.

Maurandia.—I have several Maurandias, but only one color, the purple. I think a prettier vine would be hard to find. The flowers are odd, resembling Snapdragons as much as any flower I know. The stem of the flower is just long enough to use in a buttonhole bouquet. I like the vine ever so much.

L. H. Godfrey.

Cowley Co., Kan., Nov 10, 1901.

Border for a Coleus Bed.—Semperivum or House Leek is very serviceable in bordering a bed of Coleus, as it tones down the gorgeous color effect of the Coleus.

Alice May Douglas.

Sagadahoc Co., Me., Nov. 5, 1901.

CULTURE OF GLADIOLUS.

GLADIOLUS may be planted any time from the twentieth of April till the first of July, but they can be planted a month earlier by covering four inches deep. The soil should be made as loose as possible before planting, and should not be allowed to become hard or baked around the plants. They will grow in any ordinary soil, but a loose, loamy soil, well enriched with thoroughly decomposed manure suits them best. Plant in a position where they will get most of the sunshine, or they will not flower well. An occasional watering during dry weather will greatly benefit them. By planting at different times a succession of bloom may be had from July till September. In October the bulbs must be taken up, and after allowing them to air for a day or two, they can be stored in a frost-proof place until spring, when they can be planted out again.

William C. Mollett.

Martin Co., Ky., Jan. 5, 1902.

Dahlias.—I have been growing Dahlias for many years, rarely planting less than one hundred sprouts and giving away others in proportion. Cactus Dahlia, William Agnew, a brilliant red, is a very free bloomer, of good substance, and lasting well after cutting. Matchless, a very dark, almost black one, is just as free, but not so strong in growth. Bronze Giant comes next. A Pompon Dahlia, Miss Wellesley, is very free to bloom and is always noticeable, as it has two shades on the one plant. All Pompons are very free bloomers. In the spring when the roots are sprouted they should be divided freely. Persons who set out the whole bunch rarely have fine flowers. So be careful to divide with others. They should have as good care as potatoes.

Aunt Susie.

Beaver Co., Pa., Oct. 29, 1901.

Starting Nicotiana Seeds.—After having failed starting Nicotiana seeds, I took a five pound bucket, and made holes in the bottom with a nail, and filled it with good soil. Then I sprinkled the seed over it, then a little fine soil over the seed, watered carefully, and set in the dark kitchen pantry. I had a little book which told me how long it took the seeds to germinate, and when the time was up I brought the bucket out to the light, and my one paper of Nicotiana gave me thirty or more plants.

H. McCas.

Larimer Co., Colo., Oct. 28, 1901.

Remedy For White Worms.—The white worms which infest the soil in flower pots can be destroyed by stirring some wood soot (not ashes) into the top soil and then water it; the worms will crawl out in sight to try to escape, but they will do no more harm, and will soon disappear. The soot is not injurious to plants, and I usually use some as a preventive when potting my plants.

Rebecca Voorsanger.

Sonoma Co., Calif., Oct. 9, 1901.

WHITE WINGS.

Softly are the snowflakes falling
 Over hill and vale to-night,
 As they fall, they softly cover
 Mother Earth with robes of white.
 Floating quietly and slow,
 On and onward still they go,
 Flying here and there so still
 Driven by the Storm King's will.
 Covering over all the beds,
 Where the Pansies bow their heads,
 Where Narcissus, gold and white.
 And the Tulip blossoms bright.
 Wait, with Violets sweet and blue
 For the sun-beams to peep through.

Where the Lily of the Valley
 And the Snowdrops waven white.
 With Forget-me-nots of azure
 And the Crocus, gay and bright,
 Sleep and dream of coming showers,
 In the warm and sunny hours:
 When the voice of Spring shall break
 Their long slumber, and they wake
 To the sound of music ringing
 From the Hyacinth bells a-singing,
 While the birds shall gladly sing
 Welcome to their sister, Spring.
 Fairest flowers shall bloom, we know,
 Though to-night fast falls the snow.

Belle M. Brewster.

Chautauqua Co. N. Y. Jan. 21, 1902.

THE SPICY PINES.

How tall and green they're looking,
 Standing side by side,
 How kingly in their beauty
 And their honest pride.

For now when all the other trees
 Stand so cold and bare,
 The pines look fair and stately,
 And a green gown wear.

Though the winds blow loud and fiercely
 Round their trunks so tall,
 And the cones in wild confusion
 From the branches fall,

They still bear out the onslaught
 With unbending pride,
 And waft their spicy fragrance
 O'er the forest wide.

Mary M. B. Arbuckle.

No. julk Co. Mass. Sept. 6, 1901

MY LINDENS.

Under my Linden trees,
 idly I sit and dream.
 It is good to dream in the shadows and sheen.
 Where the crickets chirp and the cat-birds preen.
 Under the Linden trees.

Under my Linden trees,
 I weave me wonderful webs.
 Warp of gold, by the sunbeams spread,
 Woof of shadows from over mead.
 Under the Linden trees.

Under my Linden trees.
 Come thoughts, white-winged from afar.
 Of truth and of light, where the dark has been.
 'For the Kingdom of Heaven lies within.'
 Under the Linden trees.

Maud Meridith.

Cook Co., Ill. Sept. 29, 1901

GREEN GROWS THE GRASS.

On the pastures' southern slope
 Green grows the grass;
 Where the earliest blossoms ope
 Green grows the grass.
 Where the mossy maples stand,
 Brave Arbutus buds expand,
 Noisy birds are nestling and—
 Green grows the grass.

By the garden's southern wall,
 Green grows the grass.
 Where the slanting sunbeams fall,
 Green grows the grass.
 When the spell of winter pales
 And the waxing springtime gales
 Thunder through the virgin vales,
 Green grows the grass.

On the church yard's sacred sod,
 Green grows the grass,
 O'er the solemn ground of God,
 Green grows the grass.
 Where the silent sleepers lie,
 Where the winds of evening sigh,
 Sign of immortality—
 Green grows the grass.

On the graves of those we love,
 Green grows the grass,
 When the sky is blithe above,
 Green grows the grass.
 Let who will the hope deny,
 There is immortality,
 We shall find it by and by—
 Green grows the grass.

Arthur H. Goodenough.

Windham Co. Vt. Dec. 27, 1901.

AT HOME.

I have wandered long I have wandered far,
 But at last I am home—am home,
 With a gleaming light and a lounging chair.
 And a loved, familiar to me.

There's a kitten here on the hearth asleep.
 As happy as I myself,
 But best of all are the plants abloom—
 Abloom on the window-shelf.

You may talk of Fame and its laurel bright,
 Of the joys of those who roam,
 But they miss the peace that is mine to-night,
 When at last I am home—am home.

For the proud of heart there are honors brave,
 For the seeker, golden elf,
 But I'm well-contented with my hearth-fire bright
 And the flowers on my window-shelf.

Essex Co. N. J. Oct. 12, 1901 Lalia Mitchell

SPRING FAIRIES.

Of all the flowers that come to grace this world
 Methinks the ones that come in early spring
 Surpass in daintiness the ones that spring
 To greet us later on in beauty curled.
 Sweet Hyacinths in many tints and shades,
 That freight the air with fragrance, 'round about
 Their waxen bells. Narcissus standing out
 In queenly dignity. A queen that wades
 In emerald seas, and rears a snowy crown
 And golden cup, all edged in carmine bright,
 To catch the golden sunbeams as they fall,
 Her sisters droop their golden heads. No flow
 Of envy mars their peaceful dreamy sight.
 These dainty fairies breathe their love to all.

Eric Co., Pa., Nov 15, 1901. Little Ripley

WILD FLOWERS OF SOUTHERN ARIZONA.

DESPITE the fact that almost every plant and bush in Southern Arizona has thorns, there are some lovely wild flowers to brighten the sandy patches and the semi-barren, cacti-clad hills. There is a bright yellow *Calendula* that grows thriftily in the valleys, making the sandy earth here and there appear to be crowned with the most cheery of golden stars. When gathered and put in water they keep well for days, although their odor is not of a nature to make them particularly desirable as cut flowers. The prevailing color is yellow, and that in various shades. Intermingled with the wildlings in yellow dress, the wild purple *Verbena* makes a pleasing contrast, growing in sturdy clumps in valley, on hillside, or in the mountain canons. One of the most attractive of the wild flowers is the Arizona Buttercup, which makes its appearance soon after the rainy season of July and August sets in. The plant is a running one, and the foliage is delicate and pretty, as if to redeem the harder features of its sister plants, so repellent because of their thorniness. The flowers are a bright golden. Up on fertile hillsides can be found white and yellow Poppies, like those of California. Then there are Cacti of various kinds, bearing their peculiar but singularly striking blossoms in yellow, white and red. The *Yuccas* are giants here, and their creamy, bell-shaped flowers borne on long, straight stalks form a picture as lovely as it is striking. Up in the mountains are tender, beautiful wildlings whose blossoms defy description.

Ad H. Gibson.

Cochise Co., Ariz., Oct. 3, 1901.

The Iris.—There is no plant will give a grander display than the Iris. Planted in borders for walks or flower beds, they send up in May and June their wonderful spikes of lavender-shaded flowers in great profusion. They are very artistic for bouquets and decorative purposes; massed with Ferns or *Smilax* in vases, nothing could be more beautiful. On account of their great hardiness it is a wonder that they are not more generally cultivated. Plant in early spring two inches deep, in well-pulverized sandy loam, with a top-dressing of leaf mould, keeping well watered in dry climates. Once planted they require little attention. A heavy mulching of leaves in the fall will be all the protection necessary.

Sudies E. Pattison.

Otero Co., N. Mex., Oct. 26, 1901.

Tuberous Begonias.—My Tuberous Begonias make large plants and large flowers. I plant them in good, rich soil, and when well started growing, I soak the roots with water; not the leaves. I don't use any liquid fertilizer at all.

M. M. Tate.

McDowell Co., N. C., Sept. 22, 1901.

OLD-FASHIONED ROSES

THERE is so little said about the old-fashioned, once-a-year blooming Roses, this day of dainty Tea and Hybrid Perpetuals, that I want to say a word for them. True, their blooming period is not long, but while they do last they are simply beautiful. And then, the number of blossoms! Hundreds of them. You may gather bouquet after bouquet and never miss them. I think they fully repay one for the little care that is bestowed upon them and for the room they occupy. I have one, a climber, that always affords great pleasure and enjoyment and is always much admired. It covers one side and corner, and extends over the entrance of a portico on the western side of the house, and for a month each year from the middle of May to the middle of June, it is a lovely sight. It is generally at its best about Decoration Day, and the beautiful, pink, long-stemmed clusters of blossoms are fully appreciated.

Mrs. Ada O. Hopkins.

Warrick Co., Ind., Nov. 25, 1901.

White Worms.—When I came home from a four months' outing I found the house plants literally swarming with the little black fly and the soil alive with worms. Somewhere during the summer I had read that to water the plants with water in which gum camphor had been boiled, and then bury in the soil the little bits of gum left in the water, was a sure and harmless remedy for that troublesome pest—white worms. I have tried the camphor remedy, and so far see nothing to shake my faith in it. The worms and most of the flies are dead, and the plants seem to be flourishing nicely.

Mrs. E. C. Lewis.

Dawes Co., Neb., Oct. 24, 1901.

Camellia-flowered Balsam.—Nothing in my garden gave more blossoms with less work than my Camellia-flowered Balsams. They were set out eighteen inches apart, and looked like small trees with every branch loaded with flowers. The season was wet and many of my plants were over three feet tall. I had twelve varieties, all double and handsome. The Balsam has only one fault: it is so tender that the first frost kills it.

M. H.

Middlesex Co., Mass., Oct. 12, 1901.

Heimerocallis Kewensis, fl. pl.—This double Day Lily has a very handsome flower. Blooms larger and finer every way than the double Tiger Lily. I have them growing in a wet border by the run, with my Lemon Lilies. This appears to be a good place for them, as they bloomed well last summer.

Mrs. Marshall.

Indiana Co., Pa., Nov. 18, 1901.

Gem Calla.—We had a Little Gem Calla three years old which had never bloomed. We immersed the pot in a jar of water and kept it there several weeks, and it bloomed.

M. C. Bridwell.

Douglas Co., Kan., Nov. 4, 1901.

DOLICHOS.**WATER LILIES FROM SEED.**

LET me say a word for one of the Dolichos family. I am told that it is not common in this country, but originated in Germany. It might be named Darkness, as it is so dark purple in color. Its foliage is curiously veined on the under side with purple lines, which, in connection with its better blooming qualities, distinguish it for me from the more common varieties. The vine grows six to eight feet high, has spikes of deep purple bloom, succeeded by highly polished wide, oval seed pods. These are dark purple in color, which add greatly to the beauty of the plant. Its long continuance in bloom and seed-bearing makes the plant of more value for ornamental purposes, as it clings tenaciously to life in the open air, as if holding on with its weaving vines to the skirts of departing summer. It remained a thing of beauty up till the first of November. The romance of "Jack and the beanstalk" will never quite be effaced from our memories, and we shall always have a kindly feeling for Dolichos and its numerous family relatives.

Edw. M. T.
Washington, D.C.,
Nov. 9, 1901.



PLANT OF DOLICHOS.

Dolichos Bean Edible.—The best expert evidence on this point obtained at the Department of Agriculture is that none of this family is poisonous. The yield, however, is so scanty, only two or three seeds to a pod. It would apparently be of little value as a food product.

Edw. M. T.

Washington, D. C. Nov. 9, 1901.

[NOTE.—Some writers recommend the Dolichos Bean both pods and seeds, as a nutritious and palatable esculent, while the vines are handsome and ornamental. The pods are not large, but are mostly borne freely in large clusters. The plants are consequently moderately productive, especially in favorable seasons.—Ed.]

CROWING Water Lilies from seed is very interesting, and may be done as successfully in the humblest homes as in the finest conservatories. To have flowers the first year seed should be sown early. March and April is right for this latitude. For each packet of seed have a Sacred Lily bowl, or vessel about that size. Fill half full of heavy garden soil mixed with one-third sand. On this sprinkle the seeds and merely cover them with sand or soil. Gently fill the bowl with water, and set it in a warm, sunny place. This is the point that needs most care. They will not germinate in cold water. Keep the temperature seventy to eighty degrees, and they will start in two or three weeks. A warm window with southern exposure is the best place. When the first floating leaves appear transplant into two-inch pots or larger bowls, giving them water four inches deep. In about a month they will need another shift, and by the first of June will be ready for their permanent quarters in tubs or ponds. The seeds may be sown out of doors in shallow water after the days get warm and bloom in about four months from the time they germinate. Hardy Nymphaeas are usually sown in March. Nelumbium or Lotus seed should have a hole filed or drilled through the hard shell before planting, otherwise they may be several years in geminating.

Geo. B. Moulder.

Warren Co., Ky., Dec. 10, 1901.

Remedy for Worms.—For worms in the soil I take a teaspoonful of copperas and four of saltpeter to two gallons of warm water. Give the plants a watering with this occasionally and they will thrive nicely.

Cortland Co., N. Y.

Mrs. Podney.

COMBINATION OF COLORS.

MANY beds and borders are entirely spoiled for the instructed eye by lack of attention to an understanding of the laws of colors. It is not enough for flowering plants to be healthy and shapely; they must blend, or contrast pleasingly. No hard and fast rules can be laid down; one must be guided by an instructed taste. Most shades of red, crimson, scarlet, purple, etc., clash hopelessly, so do reds and pinks; yellow or orange and pinks do not combine well. The various scarlets and purples of Phlox combine well only with white. The brilliant scarlet of the Verbenas is best set off by white. In fact white is the great reconciler, and by its liberal use even Violet clashings may be greatly subdued. Far too little white is used in the ordinary border. It is of all other colors, and gives them each an added charm. Candytuft is very useful in this capacity, furnishing pure masses of lasting white. White Ageratum plays an important part in flat bedding schemes. White Poppies soften and enrich the Poppy corner. White Pansies bring out the richness and depth of their velvety sisters; white Verbenas form an exquisite combination with the soft pink and rich purple ones. White Petunias, Snapdragons, Balsams, etc., all render every color and tint near them deeper and more lustrous. Fine clear scarlets are intensified by pure yellows. Yellows form a rich combination with royal purples, deep blues and mahogany, as in Pansies, Scabiosa and Gaillardias. Pinks and purples, pinks and deep blues, and purples and lavender are pleasing. Pale blue, white and clear scarlet form a lovely combination, as pale blue Ageratum, white Phlox and scarlet Verbena. The rich purples of Scabiosa have an added charm when seen against the rich gold of Calendulas. Darkspur blue, pink and white, are exquisite surrounded by white Ageratum. It is difficult to secure pleasing results with mixed packets of seed, except where the colors of certain sorts seem to blend naturally, as in the case of Sweet Peas.

Mrs. W. A. Cutting.

Suffolk Co., Mass., Jan. 21, 1902.

Salvia Splendens.—There is no plant more showy for the flower bed than *Salvia splendens*. I have had a single specimen in a small circular bed to grow four feet high, about three feet in diameter, with hundreds of clusters of flowers, from six to seven inches long. Of course the soil was rich, and was given plenty of water. Such a bed bordered with Sweet Alyssum is indeed lovely.

Eugenia.

Mason Co., Ky., Nov. 26, 1901.

Late Planting of Gladiolus.—I planted out a grape basket of *Gladiolus* bulbs July 2nd, and cut the last blooms November 1st. So by late planting one can have a nice lot of blooms real late.

Clark Co., Ky., Nov. 16, 1901. Aunt Nan.

HOW TO GROW ROSES.

ROSES may now be bought very reasonably, and nothing gives more pleasure in summer. Be careful in planting your Roses to choose a spot which is well drained; if you haven't such a spot, drain it by taking out several feet of soil and putting in rocks and coarse gravel, then replacing the original soil. The soil must be very rich, as the Rose is a gross feeder. I have used bone-meal with good results; well-decayed cow manure is excellent for them too; in fact, you can hardly feed them too liberally. Nearly all florists recommend spring planting; then they are usually in good condition to stand the winter's cold. When planting place the roots well below the surface of the soil, and spread out in a natural position, cover and press down firmly, and then water well; and should the sun be very strong, shade by using newspapers.

Ethelyn.

Worcester Co., Mass., Dec. 17, 1901.

HANDY HUSBAND.

Knew How to Get Part of the Breakfast Anyhow.

“I know one dish I can prepare for breakfast as well as any cook on earth,” said my husband one day when the cook was ill and he had volunteered to help get breakfast. He appeared with his dish and I discovered it was Grape-Nuts which, of course, was easy to prepare for it was perfectly cooked at the factory, but it was a good illustration of the convenience of having Grape-Nuts about.

We just added a little cream and, of course, had a delicious bit of food. We took up Grape-Nuts immediately after returning from a five years' sojourn in a hot country and our stomachs were in bad condition and we were in bad health generally.

When we first tried it I confess we thought there were other and better things to eat and were told we must acquire a taste for this new food. Sure enough, in a day or two we liked Grape-Nuts better than any other kind of food on the table. We both gained steadily in health and strength, and this was caused by Grape-Nuts and Postum Food Coffee.

A friend of ours had a similar experience. She was seriously ill with indigestion and could find nothing to eat that would not give her heart burn and palpitation, especially at night.

She found that a small dish of Grape-Nuts with cream made her a satisfactory supper and gave her a comfortable night's rest. In a short time she had gained several pounds in weight.” The writer lives in Topeka, Kan. Name given by Postum Co., Battle Creek, Mich.

STARTING SEEDS EARLY.

IF one has a sunny window, proof against frost, one may start many kinds of plants in such good season as to outwit Mother Nature and forestall her operations by several weeks. This is worth consideration in our northern climate, where our pets do not come into bloom till the season is well advanced and are likely to be cut off in the height of their bloom by untimely and ruthless frosts. Long, shallow boxes are best for sowing the seeds in, and it is best to use a light, sandy soil, well enriched and sifted. The seeds should be sown over the surface, and very little covering is required. Coarser seeds are planted deeper, according to size. Great care in watering is necessary, in order that the delicate seeds may not be washed about and destroyed. Never allow the seed-boxes to dry out; if this occurs many kinds will never start. A covering of a layer of cotton batting, or something similar, is valuable for securing uniform moisture with little trouble. It should be removed, of course, when the seeds start. Many sorts can get a thrifty start in these boxes, as *Verbenas*, *Celosias*, *Petunias*, *Ageratums*, *Candytuft*, *Balsams*, *Calendulas*, etc. It is better to keep the coarser growing sorts by themselves.

Mrs. W. A. Cutting.

Suffolk Co., Mass., Oct. 25, 1901.

Cyperus or Umbrella Palm.—Why so many persons do not succeed with this plant is because they do not keep it warm enough. In the fall, when the weather turns cold do not leave it in the cold hall, but bring it into a warm room and the foliage will not turn yellow. If kept in a warm room it will grow and send up new Umbrellas almost the entire winter as well as summer. Set the pot containing the plant in a jardiniere and keep filled with water nearly to the top. I use tepid water in winter. It is one of the most satisfactory of plants for the house amateur after one learns its needs. But it cannot stand any cold or lack of water. I keep it in the hall in summer, and keep the jardiniere filled with water. Set it out on the portico occasionally when the wind is not blowing, as the wind will break the canes and injure it.

Mason Co., Ky., Nov. 10, 1901. S. B. O.

Experience with Cupid Sweet Peas.—I bought seeds of them and planted in a western exposure. They germinate a little slower than the tall sorts do. They were slow coming into bloom on account of the hot dry days, but when they did bloom they were lovely. I kept them watered good and all seed pods pinched off, and they continued in full bloom for several weeks. The bed was just a mass of pink, white and red blossoms, and was very showy. They had a few blossoms on when the first frost came this fall. I think in a light, sandy, moist soil in a warm position they would bloom all summer.

Archie Wilson.

Kenton Co., Ky., Nov. 18, 1901.

THE CYCLAMEN.

THE Cyclamen is one of the easiest and most satisfactory bulbs grown for house culture. There are many excellent points in its favor, ease of culture and freedom, and profusion of bloom being the most valuable ones. A large bulb of the Giant Perisian Cyclamen will begin flowering in December, and be covered with flowers until late in May, each flower remaining perfect for one month at a time. All admire the Cyclamen very much, but it is so little known that few have any idea what it is when they see it. If well-known they would be grown in place of many bulky green house plants that are so unsatisfactory in the ordinary window garden. The variegated foliage is beautiful and makes an admirable setting for the brightly-colored flowers that rise above it. I have had this to perfect its flowers in my north window. Laura Jones.

Lincoln Co., Ky., Nov. 1, 1901.

BLACK AND RICH.**Is the Way Postum Coffee Should Be.**

A liquid food that will help a person break a bad habit is worth knowing of. The president of one of the state associations of the W. C. T. U., who naturally does not want her name given, writes as follows: "Whenever I was obliged to go without coffee for breakfast a dull, distracting headache would come on before noon. I discovered that, in reality, the nerves were crying out for their accustomed stimulant.

At evening dinner I had been taught by experience that I must refrain from coffee or pass a sleepless night. In the summer of 1900, while visiting a physician and his wife I was served with a most excellent coffee at their dainty and elegant table and, upon inquiry, discovered that this charming beverage was Postum Food Coffee, and that the family had been greatly benefited by leaving off coffee and using Postum.

I was so in love with it, and so pleased with the glimpse of freedom from my one bondage of habit and so thoroughly convinced that I ought to break with my captor, that upon my return home I at once began the use of Postum Food Coffee and have continued it ever since, now more than a year.

I don't know what sick headache is now, and my nerves are steady and I sleep sound generally eight hours regularly. I used to become bilious frequently and require physic, now seldom ever have that experience.

I have learned that long boiling is absolutely essential to furnish good Postum. That makes it clear, black and rich as any Mocha and Java blend. Please withhold my name, but you may use the letter for the good it may do."

EDITORIAL NOTICES.

The Largest Star Flower.—The largest plant of Park's Star Flower raised last season, for which a gold watch was offered to the grower, was raised by Miss Bertie Posten, of Wytheville, Va. Her report, to which is appended her affidavit, is as follows: Height, 10 ft. 8½ in.; length of largest leaf, 3 ft. 4 in.; breadth, 2 ft. 8 in.; flower stems, 10; trusses, 251; largest number of flowers open at one time, 1120; number of flowers produced during the season, 10,380.

The next largest plant was grown by Mrs. S. A. Diehl, Alliance, Ohio. Her plant was taller, being 11 ft. 8 in., but it did not have so many trusses or flowers. Although a premium was offered only to the grower of the largest plant, Mrs. Diehl's report was such that a premium was sent to her also.

There were many reports sent in, and many interesting accounts given of the plants. All indicated the superior value of the flower for beds and borders, while many persons found the trusses desirable when cut for room decoration.

Get up a Club.—Now is the time to subscribe for Park's Floral Magazine, and a club can be easily raised in any community. Will you not, dear reader, go to work at once and get up a big list of subscribers to the Magazine? Write to me at once, and I will send you a blank list, with terms, full directions, booklets and special offer. You can have profitable work right at home, by working for me. Write to day, to GEO. W. PARK, Publisher, Libonia, Pa.

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But write me to-day, if you are willing to take an agency for my Magazine, and I will forward to you blank lists, sample copies, booklets, and my liberal terms to agents. I am anxious to have a large club of subscribers from every community. Kindly act today. Do not wait till people have subscribed for other floral publications. Our offers are so liberal and attractive that you will have no trouble in getting a subscription from every one who loves and cultivates flowers. Write me. I will give your letter prompt attention. Address

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F. B. MILLS, Seedman, Box 50, Rose Hill, N. Y.

Mr. Park.—Your Magazine is more helpful to us than all others together. Bessie Hinrich.
Baltimore, Md., Jan. 14, 1902.

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Your attention is called to the advertisement of the
Sure Hatch Incubator on page 25 of this issue.

KEEPING PLANTS IN A COOL ROOM.—Mr. Editor: I should like to tell you and the readers of the Magazine how I kept my plants in a room without fire last winter. I had my husband make a box four feet square and four feet high at the back, and eighteen inches high in front. He nailed slats on the sides to hold up a sash, which was placed over the top. This box was placed in a south-east room, up stairs, before an east window. In it I packed my plants, and it is astonishing how many it held. I have Carnations budded to blossom. Roses, Callas, Cactuses, Begonias, Fuchsias, Petunias, Amaryllis and a variety of Geraniums. There has not been any fire in the room upstairs this winter, and the house is not a very warm one, and we had pretty cold weather during February, some of the time 10 degrees below zero. So I think I have solved the problem of keeping plants during winter. March 4th these plants were looking much healthier than my plants in the sitting room window by the fire. When warm days came I removed the sash or lifted it. Cold nights I threw a comfortable over it; I gave them very little water, just enough to keep them from getting dust-dry. I am proud of my success. I write this thinking it may help some other plant lovers to keep their plants.

Lenawee Co., Mich Mrs. Gerena Hinckley.

ABOUT GERANIUMS.—Dear Editor: Are there any plants grown more endearing to the grower, than Geraniums? There is something in the odor of a Geranium leaf that carries me away back to somewhere—I cannot tell where—or how it affects me, but no other odor so intoxicates me as the odor of a Geranium. I often wonder, as I read Sister Gracious' writings what the poor Geraniums ever did to so ruffle her temper. Every article she writes has that same grudging strain against the poor Geraniums. Perhaps the odor is as depressing to her as it is exhilarating to me. Nevertheless, I prophesy the Geranium, in its many varieties is the coming flower. The new combinations, with spotted flowers and oriole effects are almost a new race of the old-time favorite. The first house plant I remember was the old pink fish Geranium, followed by Gen. Grant Geranium. How I would like to see the old fish Geranium once more, as I remember it! The plants grew tall, and were almost like a vine. The Gen. Grant stands alone yet, but the other, where, oh where is it!

Jennie Lee Bain.

Columbia Co., N. Y.

PALMS.—Dear Editor: The Palm a sister has, with leaves a yard long and six inches wide, and flowers showing near the root, is probably Curculigo recurvata instead of Aspidistra lurida. This plant is Palm-like, with slightly ribbed foliage, and is very fine for decorative effect. Mine has bloomed several times, bearing clusters of yellow flowers near the roots. I do not think they improve the plant, so I pinch them out, fearing they might take the strength from the leaves. I am grateful to the floral sister who gave us instructions in making bone meal. I have taken the canned lye and poured over pieces of bone in a glass jar. They are soon eaten up, then I drain off the lye into another can, and mix a tablespoonful of the dissolved bone in a gallon of water, using freely to water the plants.

Columbia Co., N. Y.

Jennie Lee Bain.

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Is the watch for you, and you can get it by a little effort. Simply go to work and get up a club for Park's Floral Magazine. 25 trial subscriptions at 10 cents each will secure the watch by mail. Write for blanks, samples, and a full outfit.

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EDUCATIONAL NOTICE.

A subscriber of ours, a prominent business man of Boston, writes that he will be very glad to hear from any ambitious reader of Park's Floral Magazine who desires a technical education, and has not the means to attend school. This gentleman, whose name is withheld at his request, has at his disposal a few scholarships in a well-known educational institution. If you are ambitious and in earnest, write to W. L. B., Box 3737, Boston, Mass.

GOSSIP.

Dear Floral Band:—While on my summer vacation to the foot of the Spanish Peaks in Colorado, one of the things I noticed most was the flowers. They certainly have a great variety of them there. Spider Plant, Cleome pungens, was a weed in the streets. In some places the ground was matted with a tiny blue Verbena. Near the streams were quantities of the single yellow Rudbeckia. On trees and bushes grew festoons of Clematis Virginiana, so soft and feathery in seed. I saw three varieties of Clematis, and was told of another with larger blue or lavender flowers, one had variegated foliage. On higher ground grew fine plants of blue Larkspur and Ipomopsis, while immense purple Asters were everywhere. I was too late to find the Orchid, Lady's slipper, and blue and white Columbine. But a near relative of the orange Wallflower, a deep lilac, and the delicate blue Hairbells, vied with the Spider Plant in profusion. Lilies, Yucca and Cacti were also out of bloom, but the two latter were plentiful in places. On the headwaters of the Cucharas I found quantities of the blue Gentian blooming August 22. A few of the fringed varieties were found also, and not far off were wild strawberries ripening. These are at an elevation of 10,500 feet. At nearly an equal height, but a few miles distant on the very top of the divide or pass we found quantities of Iris in seed. I took a book along to press flowers in. The rarest find was in Echo Canon. While going up on the south side of the stream, close under the steep sides were thick pine trees, and under these, growing among the needles was a lovely rosy or crimson Snow Plant. Its fleshy stem was the same color as the delicate bells, and the scale-like leaves also, while the stem below the surface was a lighter shade. Didn't I feel rich? I had never expected to find that plant, and you may be sure it was soon under cover of the book, with the other beauties already obtained. Among the water mosses, etc., were beds of the yellow Mimulus or "Monkey flower." We found it nowhere but in the stream or just beside it, but very plentiful it was in some spots. At last we turned our steps downward, and while after Ferns I found another Snow Plant, not quite so well developed as the first. The two Snow Plants were slow to dry, and turned very dark, almost black, but they are preserved as one of the choice mementoes of my trip.

Mary E. Lester.

Franklin Co., Kan., Dec. 12, 1901.

Mr. Park:—I have enjoyed your nice little Floral Magazine. It's a boon to the flower people—so full of the best of information on all floral subjects. I take other floral journals, but I find your Magazine much more instructive. Mrs. Griffith.

Stamp, Miss., Nov. 26, 1901.

Mr. Park:—We have appreciated your Magazine so much. Will subscribe for it again this year.

Mrs. D. E. Cole.

Davison Co., Nebr., Jan. 1902.

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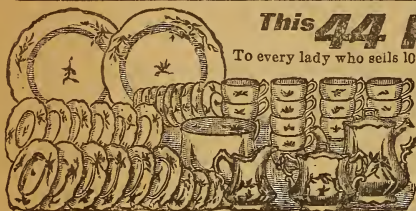
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CORRESPONDENCE.

Dear Mr. Park—Ever since I can remember Mamma has been growing flowers, and ever since I could read I have been reading your Magazine. The name of Park is as familiar in our home as our name—Parks. Mamma and I are both fond of flowers, and although we have changed our place of residence several times in the last twelve years, we have always contrived to have a good display of flowers every year, especially annuals and pot plants. We have here a large backyard, and every year I have a large bed, all my own, in which I grow annuals. This year my Balsams and Marigolds are especially fine. I have also some fine pot plants. A neighbor gave me a leaf of Night-blooming Cereus three years ago last August, and told me it would not bloom for three years. When it was only two years old it had grown so fast it had been twice shifted into a larger pot. Just two years from the time I set the leaf it had two large, lovely blooms. This year it had three, and in the summer it had eight magnificent flowers. I am quite proud of my success, and I wish you every success, and a long and happy life.

Augusta Virginia Parks.
Washington, D. C., Nov. 28, 1901.

Mr. Park—I have taken the Magazine for so very many years that I feel that I could not do without it; while two other floral publications have been discontinued, I hope to see yours every month to the end of my days. I thank you for the exchange column. Through that medium I have made many pleasant exchanges, and several warm flower-loving friends.

Mrs H. A. Lowden.
Queens Co., N. Y., Dec. 26, 1901.

An Easy Way to Make Money.

I have made \$560.00 in 80 days selling Dish-washers. I did my housework at the same time. I don't canvas. People come or send for the Dish-washers I handle the Mound City Dish-washer. It is the best on the market. It is lovely to sell. It washes and dries the dishes perfectly in two minutes. Every lady who sees it wants one. I will devote all my future time to the business and expect to clear \$4,000.00 this year. Any intelligent person can do as well as I have done. Write for particulars to the Mound City Dish-Washer Co., St. Louis, Mo.

Mrs. W. B.

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Ferry's Seeds make good crops, good crops make more customers—so each year the crops and customers have grown greater. That's the secret of the Ferry fame. More Ferry's Seeds sold and sown than any other kind. Sold by all dealers.

1902 Seed Annual FREE.

D. M. Ferry & Co.
Detroit,
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SEEDS

\$1250 TO \$3600 Per Year & Expenses FOR HUSTLERS—BOTH MEN & WOMEN



At home or traveling. Let us start you. Our Puritan Water Still—a wonderful invention. Great seller—big money maker. Enormous demand. Over 60,000 already sold. Everybody buys. It purifies the foulest water by distillation—removes every impurity. Furnishes absolutely pure, aerated, delicious drinking water. Beats Filters. Saves lives—prevents fevers, sickness, doctor bills—cures disease. Write for NEW PLAN AND OFFER.

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EVERGREENS

Hardy sorts. Nursery grown, for wind breaks, ornament and hedges. Prepaid, \$1 to \$10 per 100—50 Great Bargains to select from. Write at once for free Catalogue and Bargain Sheet. Local Agents wanted.

D. Hill, Specialist, Dundee, Ill.

HOME WORK 50c a sheet copying. Send stamp Whole sale Supply Co., South Bend, Ind.

ALL OF THESE CHOICE SEEDS FOR A FAVOR.

I WANT EVERYONE who loves flowers to become acquainted with **Park's Floral Magazine**, the popular floral monthly of America, and to this end, wish to have the names and addresses of flower-lovers in every community. I therefore make the following offer:

To Everyone who will send me a list of from five to ten names and addresses, plainly written in ink, of persons who would be likely to subscribe for **Park's Floral Magazine**, I will mail all of the described seeds, twelve varieties, put up in beautiful lithographed seed bags, with full cultural directions. They are as follows.



ASTER.



CANDYTUFT.



CELOSIA.



CHRYSANTHEMUM.

Aster, Double Rose-flowered, very beautiful, large double flowers, 20 colors mixed.

Candytuft, large clusters of white, lilac and carmine flowers. Fine in beds or bouquets.

Celosia, Plume-flowered, a showy and beautiful annual; feather plumes of white, yellow, scarlet, etc.

Chrysanthemum, annual, double and single varieties; bloom all season; splendid colors mixed.

Dahlia, Single, in many rich colors, also spotted and blotched. Seedlings bloom early the first season.

Mignonette, beautiful new large-flowered, mixed colors. Lovely for the garden, fine for bouquets.

Nasturtium, climbing, splendid, fragrant flowers in all the new, rich shades. Everblooming.

Phlox Drummondii, cuspidate and fringed in special mixture, very rich and handsome.



DAHLIA.



MIGNONETTE.



NASTURTIUM.



PHLOX.

The above eight packets of Choice Seeds could not be purchased of most dealers for less than 40 cents, but I will add four more packets, superb perennials, each of which usually retails at 10 cents per packet, 40 cents worth additional, as follows:



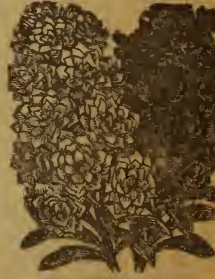
DAISY.



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PANSY.



TEN WEEKS' STOCK.

Double Daisy, New, improved, large-flowered; white, rose, carmine and tinted, everblooming, hardy; seeds saved from the finest European strains. Fine perennial edging or bedding plant, blooming first season.

Carnation, Improved Semi-dwarf; new strain, very double, deliciously fragrant; all shades from white to rich crimson, also yellow. A superb mixture, imported from a European Carnation specialist. Hardy.

Pansy, Giant-flowered Fragrant, a grand strain saved by a famous European specialist. Flowers of great size, exquisite shades and markings, and mostly Violet-scented. Hardy perennial, splendid for bedding.

Ten Weeks' Stock, Large, early-flowering Dwarf, seed saved in Germany from selected pot-plants, by a German specialist. Double flowers in spikes, richly scented and of many fine colors. Fine for beds or pots.

The above 12 packets of Choice Seeds, really worth 80 cents at retail stores, will all be sent for five addresses. It is an imperative condition, however, that 10 cents be sent for a trial subscription to Park's Floral Magazine, or 50 cents for a five-year subscription. Don't send the names without the subscription.

Get Up a Club.—For five subscriptions (50 cents) I will send the agent five of the above collections and Poppy, Petunia, Coxcomb, Schizanthus, and Forget-me-not extra. For 10 trial subscriptions (\$1.), I will send 10 lots, with the five extras (125 pkts.), also a splendid large bulb of the glorious New Aigberth Amaryllis. ORDER NOW. Address

GEO. W. PARK, Libonia, Franklin Co., Pa.

THIS HANDSOME COUCH FREE.



as we pay the freight, & will trust you. Write to-day

No Money Required. We Pay the Freight. Here is our new plan. To every lady who sells 20 cans of our Columbia Baking Powder, etc., (on our Plan No. 59), giving free to each purchaser a beautiful Glass Pitcher and 6 glasses, we give this handsome upholstered Couch free. It is over 6 feet long & over 2 feet wide; fitted with 26 tempered steel springs on a strong wood base. Covered with beautiful Damask, and Fringed on bottom. Remember, every one of your friends receives a handsome Water Set free with every purchase. No trouble at all to take orders this way. No money required in advance. Simply send your name and address and we will send you our order blank, plans, etc. We will send you this Couch, Baking Powder, etc., and allow you time to deliver goods & collect the money before paying us one cent. You run no risk.

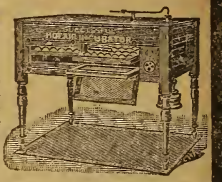
KING MFG. CO., No. 226 King Bldg., St. Louis, Mo.

IT TAKES FIVE CATALOGUES

printed in five different languages to tell the people of the many points of superiority **SUCCESSFUL Incubators & Brooders.** One 200 egg machine will hatch more chicks than 20 steady old hens each time it is filled with eggs. They will be stronger, more healthy chicks, too. These machines will do for you just what they have done for thousands of others. Write for 158 page Catalog enclosing 6c to pay postage. We ship machines and handle correspondence for the East from our new house in Buffalo. Write nearest office.

DES MOINES INCUBATOR COMPANY,

Box 139, Des Moines, Iowa, or Box 139, Buffalo, N. Y.



GOSSIP.

Dear Floral Band:—I wish some of the Band who are growing some of the beautiful foliage plants with rare bits of color, even though no flowers add to their beauty, would give us their mode of culture, and tell if they can be successfully grown in windows. I believe in buying something new and rare each year, and then if we do not know how to grow them, study it up, and ask for information. We may kill a few plants experimenting, but just go ahead and learn all we can. I once thought it impossible to grow fine Palms outside of a greenhouse, but I bought a large one. Looked up the culture of Palms, and I succeeded. I now have fifteen varieties of large, fine, thrifty Palms, and shall buy more this spring. I want information on the culture of Marantas, Dieffenbachia, Aralia, Crotons, Daphne odora, and Macrozamia corallipes. I would like to try such Ferns as Dicksonia Barometz, Dicksonia cicutaria, Cibotium Schiedeii, Davallia strigosa and Nephrolepis davallioides furcans. Anyone familiar with their culture will do me a great favor to give their experience. I am very much interested in the culture of Ferns in our windows. let us have something of interest on this subject from some one who has grown them, if not all of these varieties, and any other varieties that will succeed in our windows. Jennie Spencer.

Marion Co., Ill., Dec. 26, 1901.

Mr. Park:—For the past year your most excellent Magazine has come to me. I consider it my most trusted floral guide—its articles on floriculture are so concise, and are just what one needs. So many good words are within the small Magazine. Long may it continue to send forth its helpful words to all flower-lovers, and inspire others to cultivate and love God's loveliest gift to sojourners below.

Mary T. Horne.

Jasper Co., Mo., Jan 27, 1902.

50c SEED
DUE BILL
FREE

Send us to-day, your name and address on a postal and we will mail you FREE our handsome Illustrated Seed Catalog containing Due Bill and plan good for 50c worth of Flower or Vegetable Seeds FREE. Your selection to introduce **The Best Northern Grown Seeds** direct from grower to planter, from Saginaw Valley Seed Gardens. Seed Potatoes, Vegetable, Flower, Field Seeds and Plants.

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on above plan. Write quick. Send names of neighbors who buy seeds. \$300 cash for best list. See the catalogue.

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BEAUTIFUL, FUR TRIMMED DOUBLE CAPE

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Flower Seeds.

Don't send money; only send your address on a postal, and we will send 20 packages and premium list; best ever given away. When seeds are sold send money, and we will send Fur

Trimmed Cape Free. Order Quick.

U. S. SEED CO., BOX 1540 H., BOSTON, MASS.

\$3 a Day Sure

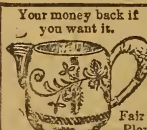
furnish the work and teach you free, you work in the locality where you live. Send us your address and we will explain the business fully, remember we guarantee a clear profit of \$3 for every day's work, absolutely sure. Write at once.

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Gold Rings FREE
Sell 10 pads Rosebud Perfume at 10c each, sweet and lasting; prevents moth. We trust you, when sold send money and we'll send the 2 rings or choice from our premium list.

Rosebud Perfume Co., Box 66, Woodboro, Md.



Your money back if you want it.

Fair Play

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SEEDS.

Send a postal card for our seed catalog and see the inducements we offer to have you use our Seeds. This beautiful hand engraved, satin finish, Quadruple plate (Warranted) Creamer or Sugar and lots of other beautiful premiums given to users of our Seeds. Premiums for large or small orders. Seeds warranted.

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HOME CORRESPONDENCE SCHOOL, Philadelphia

BURPEE'S SEEDS

NEVER BEFORE have we introduced such **SUPERB NOVELTIES** of unusual merit. Six choicest Vegetables and five finest Flowers are shown painted from nature, others illustrated from photographs and all honestly described in **BURPEE'S FARM ANNUAL** for 1902. This "leading American Seed Catalogue" is mailed **FREE** to all who intend to buy. Write to-day, a postal card will do.

W. ATLEE BURPEE & CO., Seed Growers, PHILADELPHIA.

GOSSIP.

Dear Floral Friends:—About a year ago we saw in the exchange column seed of the native yellow Poppy of California for other seed. We sent a few seeds from our flower garden, and in return, not only received seeds of the yellow Poppy, but also seeds of several other of the native flowers of California. Early last spring we prepared the bed and planted the seed; but lo! the very next day we had a very heavy, washing rain, that almost washed away our hopes of obtaining flowers from those seeds. Nevertheless, in a few days small green shoots began to appear here and there. Then a few leaves unlike anything we had ever before seen, until eight different kinds of plants appeared, six of which blossomed profusely, in spite of our drouth during the months of June and July. The flowers were very pretty, especially the yellow Poppy, which was a thing of beauty, and a joy until the frosts of approaching winter killed the plants. How can I describe them, with their golden cups and lovely green foliage, so that you who have never seen this beautiful flower, can form an idea of its beauty. An English lady (80 yrs. old) who visited us last summer, said they reminded her of the Gilding Cups of England. Truly, California is rightly named "the golden State," not only from the rich mineral found there, but, as well from these beautiful yellow flowers that cover its hill-sides, making them look as if o'erspread with a sheet of gold.

Arline Stebbins.

Dane Co., Wis., Nov. 18, 1901.

Dear Floral Friends:—I have hunted every catalogue trying to find a Begonia that I am in pursuit of, but can find nothing that answers to it. The leaves grow from the root in the same manner as those of Begonia Feastii, low, falling or drooping leaves, the leaf stems, some of them, must have been two feet in length. Some of the leaves were as large as dinner plates, some smaller, and perfectly round, ruffled and velvety, with a rich pile on them. There were some six or eight leaves in various stages of development, the smaller ones, just started, stood upright till their weight made them droop, I suppose. The lady said that it bloomed, but the blooms were not especially beautiful. The under side of the leaves were wine-red.

Mrs. M. B. Powell.

Lamville Co., Vt., Jan. 14, 1902.

Mr. Park:—I cannot express in words how much I appreciate your ever welcome Magazine. Little in size compared to some other Floral Magazines, but large in useful information and knowledge.

Mrs. Robert McGee.

Woods Co., Okla., Dec. 28, 1901.

SEEDS, PLANTS,

Roses, Bulbs, Vines, Shrubs, Fruit and Ornamental Trees. The best by 43 years test. 1000 acres, 40 in Hardy Roses, 44 Greenhouses of Plants and Everblooming Roses. Mail size postpaid, safe arrival guaranteed. Try us, our goods will please you and direct deal will save you money. Valuable 168-page Catalogue free.



THE STORES & HARRISON CO.,
Box 56 PAINESVILLE, OHIO.

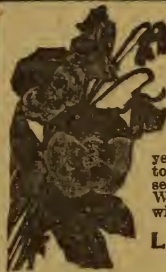
A GREAT \$3.00 SEED \$3.- PROPOSITION

We want to send you a present worth \$3 in cash. There is no string to our offer. It costs you nothing—absolutely nothing. Fair and Square. All we ask is that you send us your name and address plainly written. With the present we will send you our new **SEED CATALOGUE FOR 1902**, handsomely lithographed and beautifully illustrated, fully describing our special bargain offers in reliable Flower and Vegetable Seeds. You'll be interested in the catalogue and you will be pleased with our present. Write us at once.

Great Northern Seed Co.,
204 Rose St., Rockford, Ill.

**GREAT NORTHERN
SEED CO.**

FREE PANSY SEED



Write us and receive by return mail absolutely **FREE** a package containing 100 seeds of our celebrated "International Pansy Seed" and our large illustrated catalogue for 1902. The "IDEAL" seeds of the Calla Greenhouses have had an enviable reputation for 32 years. This offer is made solely to introduce to you our "IDEAL" seeds and will not appear again. Write to-day. A postal card will bring them.

L. TEMPLIN & SONS,
Box 92, Calla, Ohio.

1860—The "IDEAL" Seeds and Plants—1902.

10 Packages 10c.

Vegetable Seeds.

Lettuce, Beet, Onion, Cucumber, Cabbage, Carrot, Squash, Melon, Radish, Turnip, enough for your garden only 10 cents. Catalogue free.

1-4 lb. Best Mixed SWEET PEAS 10c.

All the above mailed post-paid for 15 cents in silver or eight two-cent stamps, to any address.

BUNKER HILL SEED CO. Charlestown, Mass.

450,000 TREES

200 varieties. Also Grapes, Small Fruits etc. Best root-stock. Genuine, cheap. 2 sample currants mailed for 10c. Desc. price list free. **LEWIS ROESCH, Fredonia, N. Y.**

WIDE AWAKE FREE



Any girl can earn this beautiful imported dressed Doll nearly two feet tall, a perfect beauty imported direct from Europe. This lovely doll has a beautiful turning bisque head, pearly teeth, long golden hair, natural sleeping eyes, jointed body, real slippers, stockings, etc., by introducing our latest Parisian Novelties, ladies and misses belt pins, hair barrettes beauty pins, etc., at ten cents per card. **Our Grand 30 day Proposition** which is apart from above, send us your full name & address & we will send you 15 cards of our latest Parisian Novelties postpaid. You sell at ten cents per card and return us \$1.50, we will send you (all charges prepaid) a beautiful Imported French Doll also a gold finished ring. **FRENCH NOVELTY CO., Dept. F 38 Bridgeport, Conn.**



THIS SPRAYER FREE

Write for full details. For the garden, farm, poultry house, barn, orchard, etc. Self-operating. You hold the hose—the sprayer does the work. Extremes insects from Vegetables, Sprays, Trees, Showers Gardens, Washes Carriages, Cleans Windows. Our new **"Kant-Klog" Nozzle** IS A DANDY. CAN BE USED ON ANY SPRAYER SPECIAL OFFER: For next 10 days to introduce this wonderful new nozzle we will send sample and take your old nozzle as part pay. Agents make big money. **Rochester Spray Pump Co., 13 East Ave., Rochester, N.Y.**

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BALL-BEARING ARLINGTON

(equal of any \$40 to \$65 Machine.) Combines highest grade mechanical efficiency with beautiful appearance. Finest and most complete attachments. BALL BEARING, hence easy running, noiseless. Guaranteed for 20 years. 250,000 sold. Testimonials from every State.

Write for Free Catalog showing all styles and samples of work. Arlington guaranteed machines from \$11.95 up. Our Automatic Cabinet at \$17.75 is a wonder. **CASH BUYERS' UNION, Dept. A-106, CHICAGO, ILL.**

REFERENCE: FIRST NATIONAL BANK CHICAGO.



\$14.75
Shipped on 3 Months Trial

MADE \$105 THE FIRST MONTH



writes FRED. BLODGETT, of N. Y. J. L. BARRICK, of La., writes: "Am making \$3.00 to \$8.00 every day I work." MRS. L. M. ANDERSON of Iowa, writes: "I made \$3.50 to \$6.50 a day." Hundreds doing likewise. So can you. \$5.00 to \$10.00 daily made plating jewelry, tableware, bicycles, metal goods with gold, silver, nickel, etc. Enormous demand. We teach you **FREE**. Write—offer free.

G. GRAY & CO., Plating Works, A Miami Bldg., Cincinnati, O.



POULTRY PAPER, illus'd, 20 pages, 25cts. per year. 4 months trial 10 cts. Sample Free. 64-page practical poultry book free to yearly subscribers. Book alone 10 cts. Catalogue of poultry books free. **Poultry Advocate**, Syracuse, N. Y.

CHILDREN'S CORNER.

Dear Mr. Park:—I am a little girl ten years old. I go to school, and I am in the highest class in our room. I had a real good time this morning reading your Magazine, in which were letters written by children much younger than I, so I thought I would write too. I take a great interest in your Magazine. I love flowers. Grandpa said, last summer, that I would have to run his garden pretty soon. I have eight dolls, three cats, about twenty doves, and a pet chicken. Grandpa and uncle Allie keep store and the post-office. We are going to have a curfew bell in a few weeks. I have a sled, and often go coasting in the evening with my friend Ruby Osborne. My mother is dead, and my papa is in California. Ruby's papa is dead, also. She has a beautiful garden of wildflowers. I take great pleasure in my flowers. Yours very truly,

Carol Louisa Butman.

Sauk Co., Wis., Jan. 11, 1902.

Dear Mr. Park:—I am eight years old and go to school. I have seven story books. I am in the fourth grade. I have one sister. She is five years old. She has been through the first reader twice. I have two dolls named Mabel and Bo-peep. For pets I have a cat, a calf, a pig and a chicken. Mamma sent to you last summer, and got all of her garden seeds from you. She expects to get them from you next spring. Your little flower-loving friend,

Marie Earneast.

Greene Co., Mo., Jan. 23, 1902.

Dear Mr. Park:—I am a little girl ten years old, and go to school in the country. My papa takes your Magazine. I like to read the Children's corner very much. I have a piano, and I take music lessons. I have no sisters. I like flowers very much.

Marie Wood.

Pike Co., Ill., Feb. 3, 1902.

Dear Mr. Park:—Grandma takes your Floral Magazine. I like it very much, and enjoy reading the Children's Corner. I am a little girl eleven years old. For pets I have a bird, a dog, and a great many dolls. I have a sister Grey, and a brother Denton. I love flowers. We have a few roses. Yours truly,

Sallie Egelston.

Franklin Co., Ky., Feb. 3, 1902.

Mr. Park:—Having been a subscriber to your Magazine continuously, for the last fifteen years, I recommend it to all for useful information.

E. F. Egelston.

Allegheny Co., N. Y., Dec. 16, 1901.

Mr. Park:—I appreciate your Magazine very much, and want to be a subscriber as long as it is printed.

Mrs. Pearson.

McLean Co., Ill., Jan. 1, 1902.

HOME WORK 60c. A Sheet, copying. Send stamp The World Co., Battle Creek, Mich.

\$8 Paid Per 100 for Distributing Samples of Washing fluid. Send 6c. stamp. A. W. SCOTT, Cohoes, N. Y.

GRAND FIR TREES Beautiful evergreen, nicely branched 8 to 16 in. high, 25 to 50c. each prep'd. Nursery Co., Wellington, B. C., Can.

Cash Buyers for Farms

or other real estate may be found through me, no matter where located. Send description and price and learn my successful method for finding buyers. **W. M. OSTRANDER**, North American Building Philadelphia, Pa.

STAMMER

Our 200-page book "The Origin and Treatment of Stammering" sent free to any address. Enclose 6 cents to pay postage. **LEWIS STAMMERING SCHOOL**, 36 Adelaide St., Detroit, Mich.

INCUBATORS AND BROODERS



BEST HOT WATER PIPE SYSTEM. Simple, durable, economical and safe. Hatches stronger and more chickens from 100 eggs than any other. Prices reasonable. 96-page illustrated catalog of incubators, brooders, fancy poultry and poultry supplies free. **C. C. SHOOTER**, Box 481, Freeport, Ill.

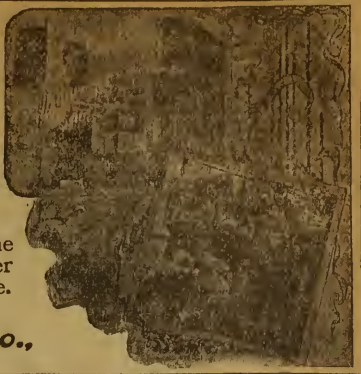
The Wise Man

who wants to make a success of the poultry business doesn't follow any false Gods. The

Prairie State Incubator

is used by the U. S. Government, and it is used on the greatest poultry farms in the world. It is the same, safe, reliable machine always. The large new catalogue has over 700 beautiful half-tone illustrations. It is free. Ask for Catalogue No. 88.

Prairie State Incubator Co.,
Homer City, Pa



GOSSIP.

Dear Floral Friends:—Please write of the successful treatment of the more rare summer-flowering bulbs and plants, such as Queen Lily, Gay Queen or Phadranassa Gloriosa, Bessera elegans, Nigridias, Butterfly Lily, and Bird of Paradise. How many have tried fruits, as Eleagnus longipes and Rocky Mountain Cherry with success? I have tried Cypress Vine several times without having one to even sprout. I wonder if the seeds are like those of our Sequoia, which fall freely upon the ground, but germinate only after a severe forest fire, when they start up as if by magic. I have great success starting Fuchsias and Roses from cuttings. This is Western California, and the climate is mild and pleasant. I use a shallow box half filled with sand, with loam from the sheep pasture mixed in. It is kept damp all the time, and sits in the shade of some trees.

Mrs. H. M. Gregson.

Sonoma County, Cal., Jan. 7, 1902.

(NOTE.—The Rocky Mountain Cherry is valuable only as an ornamental shrub, where the common sweet and sour cherries will grow. The fruit is very inferior, being little better than our native Choke Cherry. * Seeds of Cypress Vine germinate in a warm soil, but keep it merely moist. In a warm, wet soil they are liable to rot.—ED.)

Dear Floral Band:—In my travels this summer I saw so many beautiful things! New beauties presented themselves at every turn. In Lansing, Mich., I saw a large bed of scarlet Poppies, the most gorgeous sight I ever beheld. They were in the background. We just got a peep from the street as we were driving past. It attracted all who passed by. In Sandusky the Asters were beautiful and numerous. Those of purple, pink and white shades were very large and showy. The sun seems too hot in Kansas for Asters to do well. In Buffalo the large beds of Cannas were a grand sight, also the beds of scarlet Salvia, bordered with white-leaved Geraniums.

Mrs. J. E. Ireland.

Allen Co., Kan., Nov. 11, 1901.

SWEET PEAS Beautiful Home Mixture contains 75 best, new and choice sorts. $\frac{1}{4}$ lb. of this (equal to 35 packets) mailed for 10 cts. Send seed buyers names with order for Royal Show Fancies best 100 sorts in world. Catalog free. J. J. Bell, Deposit, N. Y.

25 CENT FERN COLLECTION.

1 Onoclea Sensibillis, 2 Silver leaf, 2 Bird's Nest, 2 Sweet Scented, 2 Aspidium Marginale, 2 Walking, 1 Asplenium Ebeneum, with a booklet on their culture.

ALFRED D. FOY, St. Elmo, Tenn.

LADIES something new making sofa pillows at home; \$7 to \$12 weekly; materials furnished; no can-vassing; steady work. Send stamped addressed envelope. HOUSEHOLD MFG. CO., Erie St., Chicago.

LADIES WANTED to work on SOFA PILLOWS Materials furnished. Steady work guaranteed, experience unnecessary. Send stamped envelope to Miss S. McGee, Needle Work Dept., IDEAL CO., Chicago, Ill.



200-Egg Incubator for \$12.80

Perfect in construction and action. Hatches every fertile egg. Write for catalogue to-day. GEO. H. STAHL, Quincy, Ill.



GOOD RESULTS.

To be absolutely sure about it use the RELIABLE INCUBATORS & BROODERS. If the eggs are right, you can't make a mistake. Just follow instructions—the Reliable will do the rest. OUR 20TH CENTURY POULTRY BOOK, mailed for 10c, tells all about it and other things you should know. We have 115 yards of thoroughbred poultry. RELIABLE INCUB. & BRDR. CO., Box B 97 Quincy, Ill.



SHOEMAKER'S POULTRY BOOK on and Almanac for 1902.

160 pages, over 100 illustrations of Fowls, Incubators, Brooders, Poultry Supplies, etc. How to raise chickens successfully, their care, diseases and remedies. Diagrams with full description of Poultry houses. All about Incubators, Brooders and thoroughbred Fowls, with lowest prices. Price only 15c. C. C. SHOEMAKER, Box 304, Freeport, Ill.

SET EGGS in the SURE HATCH INCUBATOR.

Thousands do, and they are making money. Guaranteed for 10 years and hatch every hatchable egg. Any one can run them, because they run themselves. Anyone can own them, because the price is right. Send for our big free catalogue, giving hundreds of actual photographs of poultry yards, etc. Address nearest office. Sure Hatch Incubator Co., Clay Center, Neb., or Columbus, O.



GREIDER'S FINE CATALOGUE

of prize winning poultry for 1902, printed in colors, illustrates and describes 50 Varieties of Poultry; gives reasonable prices of eggs and stock. Many hints to poultry raisers. Send 10c in silver or stamps for this noted book. B. H. GREIDER, Florin, Pa.

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Our 50 egg compartment hatcher has advantages over any all other incubators. Bantams at \$6, \$9.50 and \$15 for 50, 100 and 200 egg sizes. Hatch every good egg. Send 2 cents for No. 46 catalogue. BUCKEYE INCUBATOR CO., Springfield, Ohio.



DON'T SET HENS

the same old way when our new plan is 10 times better. 5000 agents wanted for 1902, either sex. Pleasant work. Big profits. Catalog and 10c Egg Formula FREE if you write today. Natural Hen Incubator Co., B 56, Columbus, Neb.



Self Threading Sewing Needles, weak sighted or blind can thread them, one kind thread springs in on end; other on side. One Packet of either kind 10 cents; 4 for 25c; 12 for 60c, postpaid. Large ill's cat's free, of Plays, Wigs, Tricks and Acrobats. Latest Novelties to sell. C. E. Marshall, Mr., LOCKPORT, N. Y.



**PRIZE
COLLECTION OF
BUCKBEE'S
BEST SEEDS.**

contains Radish, 17 **55**
sorts; Lettuce, 12 **SORTS**
sorts; Tomatoes, 11 **IN ALL**
rare; Turnips, 7
beauties; Onions, 8 fine ones.
Will be sent you, with my new
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10 cents to help cover postage
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\$1.75 a Barrel and up.

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Largest growers in America of Vege-
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The Rarest and Best!
My pretty catalogue free, or send 6 cts.
and addresses of two who grow flowers, and
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A TOMATO should be fine
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fleshed, free from seeds, a prolific bear-
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STARK TREES best by Test—77 YEARS
LARGEST Nursery.
FRUIT BOOK free. We **PAY CASH**
WANT MORE SALESMEN **Weekly**
STARK BROS., Louisiana, Mo., Danville, N. Y.; Etc

GOSSIP.

Mailing Cactuses.—Dear Floral Friends: Those who avail themselves of the privilege of the "exchange column" and obtain Cactuses in this manner, may like a few hints on the best method of packing Cactus plants for mailing. A reasonably stout box should be used, which will just hold the plants when closely packed. Each plant should be cleaned of all soil on the roots and wrapped in paper separately, enclosing a label with the name, if it is known. In the case of very strong-spined species, rather stiff paper is required. The globular sorts, besides being most desirable, are very easy to wrap, rolling them in paper like an orange. When all the plants are properly wrapped, place in the box as closely as possible. If a little space remains, stuff with a bit of crumpled paper. Packed in this manner plants will arrive at their destination intact, and may be removed with ease. It certainly dampens the spirits of the most ardent Cactus fancier to have a box of Cactuses arrive all matted together, with the spines so interlocked as to make separation difficult, the whole being powdered with a thick coating of dust. Under these circumstances the most desirable specimens lose their charm, for the time being at least. A tin baking powder can makes a safe protection for two or three plants, being especially desirable for those species having rather fragile spines that break easily. The stout tin protects the fleshy Cactus from the over-zealous postmasters who stamp parcels with such vigor as to often crush the contents. Those sending these plants in exchange should remember the larger sizes are most desirable, providing the spines are reasonably perfect—if not, smaller sizes are preferred. It is a fact to be deplored that but few know the proper names of the plants they offer. All who live in the Cactus regions should endeavor to learn the correct names of the Cactuses that grow around them. Outside the Opuntia this is not very difficult when some study is devoted to it, as most of the species native in the United States are tolerably distinct. The easiest way would be to send numbered plants, old enough to show character, to one familiar with them, who would return the names to correspond with the numbers. It is almost impossible to name a Cactus from a description; the plants must be seen. Philocactist.

Suffolk Co., N. Y., Dec. 14, 1901.

**ONE MILLION PACKAGES
FLOWER SEEDS.**

This Mammoth Collection contains the cream of all flower seeds—just what you want to make a **Magnificent Garden** 23 Exquisite Varieties of elegant, brilliant, dazzling flowers, as follows:

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| Dewey Victory . . . 10 col. | Zinnias . . . 12 col. |
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| Crown Heliotrope . . . 2 " | Ageratum . . . 2 " |
| Ten Weeks' Stock . . . 12 " | Morning Glory . . . 15 " |
| Sweet Alyssum . . . 2 " | Forget-me-not . . . 2 " |
| Poppy-O'clock . . . 10 " | Nasturtiums . . . 12 " |
| Poppy . . . 13 " | Asters . . . 16 " |
| Larkspur . . . 6 " | Pinks . . . 10 " |
| Portulaca . . . 20 " | Sweet Peas . . . 10 " |
| Marigold . . . 13 " | Calliopsis . . . 8 " |
| Fansy . . . 10 " | Calendula . . . 5 " |
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A WHOLE FLOWER GARDEN for 10 CENTS.
FREE To any one sending **10** cts. in stamps or silver we send all the above flower seeds, 23 kinds, and a Beautiful Golden Pin. Greatest value ever offered. Order quick.

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Send for free trial packet (20 seeds) Pansy, Imperial German Mixture, and My Beautiful, Illustrated Catalogue. **JESSIE R. PRIOR,** Seedswoman, Minneapolis, Minnesota.



SEEDS BUY SEEDS THAT WILL GROW
5 pkts. FLOWER SEEDS: Giant Yucca, Giant Pansy, Giant Verbena, Double Dahlias and 4 Pelargonium, 25c; 6 Begonia, 25c. Cate ague and present free for names of seed buyers. **A. C. ANDERSON, COLUMBUS, N. EB.**

CHILDREN'S CORNER.

Dear Mr. Park:—I am a little girl nine years old. I live with my aunt. I enjoy reading your Magazine. Auntie and I put our flowers altogether. We have one hundred pot plants, and in our yard we have 25 different kinds of Roses and 25 different kinds of Chrysanthemums; besides, in the spring our Tulips, Hyacinths and many shrubs are beautiful. I love, too, the Gladiolus, Tuberoses, Lilies and Dahlias. I had a nice bed of my own last summer. I had Sweet Peas and Morning Glories. These I trained to grow on the railings with the help of hay wire. I bordered it with Violets. You would be surprised if I were to tell you the many other flowers I had in that one bed. I had to work hard to keep out the weeds and grass, but I didn't mind that. I wish I could see all your pretty flowers. Your little friend,
Nellie R. Darden.
Isle of Wight Co., Va., Dec. 13, 1901.

Dear Mr. Park:—I am a little girl ten years old. I go to school every day, and I am in the fifth grade. I have a little flower garden, and I love flowers very much. I have three sisters and two brothers. I love to read the Children's Corner. For a pet I have a little kitten.

Lillie Stratford.
Boxelder Co., Utah, Dec. 6, 1901.

Dear Mr. Park:—We have taken your Magazine for five or six years. I got some Snapdragon seeds of you, and planted them last summer. They blossomed a long time. There were twelve or thirteen colors. I am eleven years old, and in the fifth grade.
Marion Vaughn.
Erie Co., N. Y., Dec. 30, 1901.

Dear Mr. Park:—I am a little boy seven years old. Mamma has taken your Magazine for a good many years. I love flowers very much. I have some real nice ones. I have one little sister named Gertrude, and a little black dog named Sport.
Ernie Seely.
Grant Co., Wis., Jan. 6, 1902.

Dear Mr. Park:—I am a little girl five years old. I am learning to paint. Mamma teaches me. Mamma takes your Magazine. She reads the Children's Corner for me.
Olive Price.
Van Wert Co., Ohio, Dec. 20, 1901.

Dear Mr. Park:—We like your Magazine very much. I have a sister named Julia, and my dog's name is Shep. My brother gave me a watch. I am nine years old.
Arthur Crawford.
Russell Co., Kan., Jan. 4, 1902.

Portraits, Frames and Art Goods. Work guaranteed. Good and cheap. Kurz Art Co., 919 N. Clark St., Chicago, Ill.

\$50 a month earned distributing samples. Enclose stamp. INTERL DIS. BREAU, 150 Nassau St., N. Y.

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FREE Palms, Dwarf Pot Oranges, etc. FLOWERS
Jessamine Gardens, Jessamine, Fla.

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5 large Sample pkts. & catalog 10 cts. silver.
oz. each best mixed Sweet Peas & Nasturtium
or 10 cts. 1 oz. each Beet, Radish, Cucumber,
Turnip, Parsnip & Lettuce, 6 ozs. in all for 25c.
Pat. FREE. W. D. BURT, Bx. 9, Dalton, N. Y.

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I had been ailing for fifteen years from backache, headache, constipation and prolapsus. I had been treated by some of the best specialists in the country without avail. Your brace cured me. The organs have gone back to proper position and remain there.

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Earn this handsome BROCADED DRESS SKIRT.

This is a very stylish and handsome black skirt, with full sweep. It is made in a handsome variety of black Brocaded woven cloth; a durable and stylish material for dress skirts, lined with a patent black rustling cloth. Interlined bias velvet on bound bottom. We will send it free to any one for selling 10 cans of our Columbia Baking Powder, etc., and allow you to give beautiful Pitcher and 6 glasses free to each customer. Simply send your name & address & we will send you our plan, order sheet, etc. We pay the freight on the goods and skirt & allow you time to deliver the goods and collect the money before paying us. Write to-day. King Mfg. Co., Dept. 507 St. Louis, Mo.



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NEW CURE FOR FITS

If you suffer from Epileptic Fits, Falling Sickness or St. Vitus' Dance, or have children or friends that do so, my New Discovery will CURE them, and all you are asked to do is to send for my FREE REMEDIES and try them. They have cured thousands where everything else failed. Sent absolutely free with complete directions, express prepaid. Please give AGE and full address.

DR. W. H. MAY,
94 Pine Street. New York City.

LIQUOR HABIT Cured Box Sent FREE



Any woman can cure her husband, son, or brother of liquor drinking by secretly placing this remedy in his coffee, tea or food without his knowledge, as the remedy is entirely odorless and tasteless. Any good and faithful woman can wipe out this fearful evil and permanently stop the craving for liquor, as did Mrs. R. L. Townsend, of Selma, La. For years she prayed to her husband to quit drinking, but finally found that it was impossible for him to do so with his own free will, as he was an inveterate

drinker, and hearing of this remarkable cure, she determined to try it. Mrs. Townsend says that before she gave her husband half a box of Milo Tablets, he lost all desire for whisky; the sight or odor of whisky now makes him deathly sick. It is a purely a wonderful discovery that cures a man without his knowledge or intention. Mrs. Townsend's word of gratitude is only one of the thousands in possession of this company. Anyone who will send their name and address and 4 cents to cover postage, to the Milo Drug Co., 70 Milo Building, St. Louis Mo. will receive by mail, sealed in plain wrapper, a free package of this wonderful remedy and full instructions how to cure the drink habit.

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'WALNUTTA' HAIR STAIN is prepared from the juice of the Philippine Islands walnut, and restores Gray, Streaked, Faded or Bleached Hair, Eyebrows, Beard or Moustache to its original color, instantaneously. Gives any shade from Light Brown to Black. Does not wash off or rub off. Contains no poisons, and is not sticky or greasy. "Walnutta"

Hair Stain will give more satisfactory results in one minute than all the hair restorers and hair dyes will in a lifetime. Price 60 cents a bottle, postpaid. To convince you of its merits we will send a sample bottle postpaid for 20c. PACIFIC TRADING CO., Dist. Office 3, St. Louis, Mo.



WE GIVE AWAY FREE one rolled gold solitaire, Parian rose diamond ring, solid-gold pattern, for selling 20 packages Garfield Pure Peppin Gum among friends at 5 cents a package. Send full name; we mail gum. When sold send money; we will mail ring; few can tell from GENUINE DIAMOND. Unsold gum taken back. Write for catalogue of 200 premiums. GARFIELD GUM CO. Bx. 16 WEAVERVILLE PA.



NEW Sample Styles ENVELOPE, Silk Pique 20 New Songs, 100 Rich and Easy Jokes, 1 pack Fun Cards, 1 Escort, and 1 Acquaintance Cards, Standard Beau Catcher, &c. All for 2 Cents. CROWN CARD CO., B16, Columbus, Ohio.

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REMNANTS for Fancy Work, Quilts, Sofa Cushions, Bed Rugs, etc. A variety of colors; at Bright, Fashionable and Pamphlets. Samples FREE. DIAMOND SILK CO. Box 201, PALMYRA, PENN. A.

GOSSIP.

Dear Floral Band:—I have often tried to decide which class of flowers give more pleasure, according to cost and care, those that bloom in summer or the winter-blooming ones. Some of mine the past summer, made such a gallant fight against heat and drouth that I had almost decided in their favor. As to Zinnias, I never saw such a variety of colors of one kind of flower as a bed of Zinnias displayed, from pure white, through many shades of yellow and red, to the very deepest shades in both. They are not of the old-fashioned, ungainly growth either, but the plants are neat and compact, and the flower stems slender and graceful. I used some of the fine white ones for funeral decoration, and they were much admired, many asking what kind of flowers they were. I always like to have a few beds of mixed seeds. It is such a pleasure to see, every morning, some new and unexpected blossom showing. I have now a number of nice plants that were lifted from these mixed beds on the approach of cold weather. Several plants of Sweet Alyssum and Mignonette, set in a large wash-bowl, are a delightful tangle of sweetness. A Salvia, Calliopsis, Snapdragon, Carnation, Petunias, and several others have been potted from these mixed beds, and are doing well in the windows of the family room. Inna M. King.

Stewart Co., Tenn., Nov. 24, 1901

Dear Floral Friends:—Another new year finds us, once more eagerly scanning the pages of the new seed catalogues, puzzling our brains to find out which of the new varieties best suit our fancy. Then here are the dear old tried and true sorts, some of which are among the "must haves." There is as much in a package of mixed Petunias for the price, as anything I know. If sown now in boxes, they will be nice plants by the time we are ready for them in the garden; or slips rooted now are equally as good. The single Petunia will give the larger percentage of bloom, while we miss the fragrance of the other. A bed of Petunias will insure you a glorious mass of bloom from June till November. Then there are the lovely Pansies, Sweet Peas and Phlox; yes, and the dear old China Asters and Balsams to remind us of our dear old grandma's garden. Then Chrysanthemums, Carnations, sweet-scented Verbenas and Mignonette, and scores of others equally as dear to our hearts as these. But for genuine beauty give me bulbs of Gladiolus, Cannas, Dahlias, and numerous Lilies. Some can be easily raised from seeds, while the bulbs are not expensive. Mrs. E. D. Predney.

Cortlandt Co., N. Y., Jan. 18, 1902.

Dear Floral Friends:—To say I am blue and discouraged does not tell the story. With these thick walls of sod I felt so secure from frost while we were sleeping, never dreaming of danger to our pets. From among the one hundred and fifty plants only a few escaped the icy breath of Jack Frost. But I shall try again, for I must have flowers. They are truly home companions, affording cheer and comfort, contributing to our pleasure and elevating and refining our taste. We need our house flowers most during the long, drear, winters, and in early spring, before the wild flowers and trees are in bloom. Eva Shipley.

Holt Co., Neb., Jan. 14, 1902.

STEADY HOME WORK for ladies. No canvassing; no worthless outfit to buy. Send stamped envelope to Dickey Mfg. Co., Dickey Building, Chicago, Ill.



CARDS Send 2c. stamp for New SAMPLE BOOK of all the FINEST Styles in Gold Beveled Edge, Hidden Name, Silk Pique, Envelope and Calling Cards for 1902. We sell GENUINE CARDS, Not Trash. UNION CARD CO., Columbus, Ohio.

A GOOD COMPLEXION

How to acquire it without drugs or cosmetics. A little book telling just how and what to do. Price 25 cents. Address, EDITH GRIFFIN Park Vale, Brookline, Mass.

LADIES to do piece work at their homes. We furnish all material and pay from \$7. to \$11 weekly. Experience unnecessary. Send stamped envelope to Royal Co., Desk E. M., 34 Monroe St., Chicago.

Mr. Park.—While visiting at Richland City I called on a lady who had a nice assortment of plants and flowers, of which she is very proud, and was much surprised to see a thrifty grape vine, that had reached the top of her plant window. She asked me what I thought it was. I told her, but she thought it couldn't be, as she got the seed from a reliable dealer who advertised it as a beautiful flowering vine (Blue Solanum). The seeds, she gave me three, look much like a small tomato seed. I asked her where she got the soil, and found it was taken from the top of a bluff near a wild grape vine. This is only one of the many mistakes charged to the artist.
Mrs. H. E. Cramer.
Grant Co., Wis., Sept. 29, 1901.

Mr. Park:—I enclose a five-year subscription to our Floral Magazine, which I like very much. It is a great source of information. I have always loved flowers. We have over three hundred plants and shrubs on our place, and are always glad to get some new plants. Your Magazine keeps one in touch with floriculture, and wideas.
Matilda Scheidler.
Union Co., N. J., Dec. 16, 1901.

Mr. Park:—Another year has swiftly rolled around, which reminds me that my subscription is out due. It has been a great benefit to me, and I wish you could see my windowful of plants. I have all the numbers of the Magazine, beginning with 1898 down to the present time, and have each year's numbers bound together for future reference.
Lizzie Mountz.
Jumbersland Co., Pa., Jan. 1, 1902.

QUESTIONS.

Cactus.—How shall I treat my Cow-tongue cactus to have it bloom? It is nine years old and five feet high, and has never bloomed.—S. N. Dak.

Pomcea Pandurata.—I have had a funny experience with a tuber of the hardy Ipomoea Pandurata. I bought a tuber the spring of 1899, and planted it about five inches deep, on the south side of the house, and saw no more of it until the spring of 1901, and then I saw a robust vine coming up the side of the house, and put a support for it to climb on. It grew about fourteen feet high, and bloomed finely. Now, what is that tuber doing those two years? Perhaps no one has had similar experience, but it is new to me.
John Stacy.
Ontario, Can., Dec. 27, 1901.

100 Genuine Conf. money for \$1, \$100 for 50c R. MAXWELL, Box O, South Bend. Ind.

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CLEAR SKIN.
TRIAL BOX MAILED FREE.



MISS VIOLA HILL, of Pattonville, Mo., writes: "I was so embarrassed with blackheads, freckles, and pimples that I would not go into society. I flooded my home with complexion remedies, but my complexion defied them all. I sent for a package of your Beauty Producer, and in two weeks' time there was no trace of a pimple, black-

or blotch on my face or neck. My skin is now without a wrinkle anywhere." "It is not a face powder, cream, cosmetic, or bleach, and it contains no oil, grease, paste or poisons of any kind, but is a perfectly vegetable discovery & leaves the skin clear, soft and healthy. Anyone sending their name and address and 4 cents per postage, to Mrs. Josephine LeBlanc, 45 Hall Bldg., St. Louis, Mo., will receive a free package of this wonderful beautifier in a plain sealed wrapper by mail prepaid

FREE

A WONDERFUL SHRUB—CURES
KIDNEY AND BLADDER
DISEASES, RHEUMATISM, ETC.

In the short time that Alkavis, the Kava-Kava shrub compound, has been before the American public, its cures of various forms of Kidney and Bladder diseases, Rheumatism and Gouty Disorders, have been numbered by the thousands. Alkavis has not been extensively advertised, through Newspapers or otherwise, but has made its way entirely on its merits, and through the fact that every sufferer can make free trial of its wonderful curative powers, and judge of its value from personal experience.



Mr. John Will, Route 3, Rural Delivery, Muncie, Ind. The President of the Suffolk Hospital and Dispensary, Boston, Mass., established under the laws of the State, writes Sept. 13th, 1901, as follows:

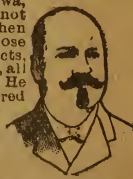
"Gentlemen:—As a rule we are unwilling to endorse any preparation the formula of which is not made public to the medical profession, but the use of your product has so fully convinced us of its remedial value that our objection has been overcome. Let us say in a word that we have tested it on some chronic cases of Bladder and Rheumatic trouble, and it has Cured when old and established compounds have wholly failed. Our good words are at your disposal, for all should know of the good accomplished by its use.

James Thomas, Esq., of the Board of Review Bureau of Pensions, Washington, D. C., writes: Was cured of a usually fatal Kidney Trouble after many physicians had failed and he had given up all hope of recovery. Mr. John Will, Muncie, Ind., writes: Was told by two physicians, one being my son-in-law, that neither he nor any other doctor could cure me, but nevertheless "Alkavis" did the work. Many ladies also join in testifying to the wonderful curative powers of Alkavis in Kidney and allied diseases, and other troublesome afflictions peculiar to womanhood, which can not with propriety be described here.

That you may judge of the value of this Great Discovery for yourself, we will send you one Large Case by mail Free, only asking that when cured yourself you will recommend it to others. It is a Sure Specific Cure and can not fail. Address, The Church Kidney Cure Company, No. 521 Fourth Avenue, New York City.

WEAK EYES MADE STRONG
Sight Restored at Small Expense

Dr. W. O. Coffee, the Des Moines, Iowa, oculist, has discovered remedies that not only prevent blindness in every case when used in time, but restore sight to those partially or completely blind from cataracts, granulated lids, scums, opacities, films, all inflammations of the eyes or eye-strains. He has published a splendid book with colored photographs from life illustrating all eye diseases, so you can see your own case. It tells how you can cure yourself at home by his Absorption Treatment at small expense. Dr. Coffee will send this book FREE to all who are afflicted with eye trouble and write him. Ask for "Eye Book." Address, DR. W. O. COFFEE, 871 Good Block, Des Moines, Ia.





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IF YOU

ARE

TOO FAT

ago I took your treatment and in less than 3 months **I LOST 70 LBS.** in weight and have not gained an ounce since." Miss Grace Smith, of Linden, N. Y., writes: "Five years ago I took the Hall Treatment and was reduced **38 POUNDS** in weight. The reduction is permanent, as I have not gained an ounce in weight since then." We will give **\$100 IN GOLD** to any one who can prove that any of our testimonials are not genuine. **DON'T** do anything or take anything until you hear from us; we have something important to tell you about how to **MAKE REMEDY AT HOME** at a trifling cost, and also other valuable information. To any reader of this paper who will write to us once we will send full particulars **Treatment Free** in plain sealed package and a few days!

upon receipt of four cents to cover postage, etc. Correspondence strictly confidential. Ad. all letters to Hall Chemical Co., Dept. 150, St. Louis, Mo.

CONSUMPTION CURED.

An old physician, retired from practice, had placed in his hands by an East India missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma and all Throat and Lung Affections; also a positive and radical cure for Nervous Debility and all Nervous Complaints. Having tested its wonderful curative powers in thousands of cases, and desiring to relieve human suffering, I will send free of charge to all who wish it, the recipe, in German, French or English, with full directions for preparing and using. Sent by mail, by addressing, with stamp, naming this paper, W. A. NOYES, 847 Powers' Block, Rochester, N. Y.



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Control whom you wish. Make others love and obey you. Cure diseases. Makes fun by the hour. New and instantaneous method. Quick as a flash. YOU can learn it. Success sure. Mammoth illustrated LESSON and full particulars **FREE!** Send address at once. Prof. L. A. HARRADEN, c/o JACKSON, MICH.

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Orange Lily

Cured me of painful periods, leucorrhea, displacement, ulceration, etc., after doctors gave me up and all other remedies failed. No physician required. I will send a trial box free to any lady. Address, MRS. H. B. FRETTER, Detroit, Mich.

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weekly by representing us in her locality and as the position is pleasant and profitable the year round we will gladly send particulars free to all. Even your spare time is valuable. This is no deception, and if you really want to make money address **WOMAN'S MUTUAL BENEFIT CO., Box 27, JOLIET, ILL.**

PILES

Instant relief, final cure in a few days and never returns; no purge, no salve, no suppository. Remedy mailed free. Address C. J. MASON, Box 519, New York, N. Y.

AGENTS

Money maker, Large Profits. Advancement, Honest Business. Terms and box of samples **FREE.** Write LEWIS MED. CO., 436 3rd Street, St. Louis, Mo.

LADIES

Dr. Strickland's Monthly Remedy relieves in 5 hours safely. Box Free. Send stamp for particulars. Crown Chemical Co., Box 93, Milwaukee, Wis.

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Enuresine cures Bed-wetting. Sample free. Dr. F. E. May, Box 209, Bloomington, Ill.

WANTED!

Agents to sell Beauty pins. Liberal terms. One dozen Samples only ten cents. **GOOD LOOK, Bx. 117, Waterville, Maine.**

DETECTIVE

Shrewd, reliable man wanted in every locality. Act under orders. No experience needed. American Detective Ass'n, Indianapolis, Ind.



1902 Sample Styles Hold-to-Light Silk Fringe and Calling Cards, NO TRASH

Genuine Cards, with Art's. Big cut & finest Sample Book, ALL 2 CENTS. **BUCKEYE CARD CO.** Laceyville, Ohio

GOSSIP.

Dear Band:—I have a Jasmine that I planted about two years ago. It is so large it fills a window, is now in full bloom, and has been for a month. It looks as though it would give us its lovely, fragrant blossoms for some time yet. A Chrysanthemum I planted the same time is also full of buds. It has bloomed twice before and the flowers were pure white; this time they are opening a peculiar shade of deep pink. An Asparagus Sprengeri I have, sweeps over the table half way to the floor. My Grape Myrtle grows in the summer, but loses its leaves in winter. All my plants have done so well. I wish I had room for more, but must wait for out-door planting time.

Del. Co., Pa., Nov. 4, 1901.

G. H. Leedom.

Dear Band:—The Nasturtium bed was ablaze with yellow, and, as I knelt beside it with a handful of blossoms, a tiny humming bird came and fluttered at each flower as I held them in my hand. It must have been a young bird, for the humming birds that frequent the garden are shy and flit away at the slightest movement, but this one still whirled with delight over my bouquet as I moved around the paths, until I left the garden, when he suddenly became timid and with a squeak of goodbye, he flew back among the flowers.

Caldwell Co., Mo., Oct. 10, 1901.

Jane Jones.

Dear Floral Sisters:—If you desire something real nice get Tuberous Begonias and plant in leaf mould, sand, well-rotted manure and a little lime, mixed well together. Keep the plants out of the hot sun, and you will want more every year.

Forest Co., Pa., Dec. 21, 1901.

Emma H.

Mr. Park:—I have received your Floral Magazine a number of times, for which I wish to thank you. I took quite a number of Magazine on flowers and was waiting for one of them to run out, as I like yours better. It is right to the point.

Mrs. D. D. Small.

Middlesex Co., Mass., Jan. 3, 1902.

Mr. Park:—I like your Magazine very well and will not do without it if I can help. It is of great assistance to me in the culture of house plants.

Mrs. E. Mahan.

Defiance Co., Ohio, Jan. 1, 1902.

THIS IS TRUE.

I have discovered a positive cure for all female diseases and the piles. It never fails to cure the pill from any cause or in either sex, or any of the diseases peculiar to women, such as leucorrhea, displacements, ulceration, granulation, etc. I will gladly make a free box of the remedy to every sufferer. Address MRS. C. B. MILLER, Box 189, Kokomo, Ind.



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Rena Winsett, Edgar Station, Ill., will exchange Cactuses and other plants not in her collection; write.

Kate Little, Preston, Minn., will ex. Tigridia, summer Oxalis, Golden Glow and German Iris for variegated Myrtle, Japan Iris, or wild shrubs or vines.

Mrs. A. L. Nissley, Landisville, Pa., has Geraniums, Begonias, Lilies, Chrysanthemums and Amaryllis to ex. for others not in her collection, named.

C. M. Raynor, Box 16, Manorville, L. I., N. Y., has almost any plants or bulbs desired to ex. for Cacti, native of Ariz., Cal., Col., or Mex. Send list.

Mrs. D. L. Gore, Wilmington, N. C., has Egyptian Lotus, Water Hyacinths and Umbrella plants to ex. for new named Geraniums, Begonias or Dahlias; send.

Mrs. J. C. Radd, Noel, Va., has Hall's Honeysuckle, purple and white Flags, and yellow Lilies to ex. for seeds, shrubs, bulbs or plants.

Mary McDonald, 406 Monmouth Road, Lowell, Mass., has choice Cactuses and white and pink Double Rose roots to ex. for hardy shrubs and perennials.

Miss M. E. Ralls, Kennesaw, Ga., has mixed Carnation, Poppy and other seeds to exchange for plants of Asparagus plumosus nanus.

T. Van Hyning, Des Moines, Greenwood Park Sta., Iowa, would like No. 3 of volume 22 of Park's Floral Magazine in ex. for seeds, plants or bulbs.

Mrs. Bertie Miller, Hazel, Ky., has Chrysanthemums and Cinnamon Vine tubers to ex. for house plants, Amaryllis bulbs or Clematis.

L. M. Davis, 57 Royal St., Lowell, Mass., has Oxalis, Gladiolus, Montbretia and flower seeds to ex. for fancy Caladiums, Grand Duke Alexis Dahlias, etc.; write.

Mrs. G. E. Rodelfix, La Belle, Mo., has hardy Roses, Chrysanthemums, hardy Ferns, Pink Abutilon and Begonias to ex. for house plants labeled with name.

Howard R. Whitney, Southington, Conn., has Cinnamon Vine, Hemerocallis fulva, Canna seeds, Paeonies, etc., to ex. for blg-size bulbs of Amaryllis or Gladiolus.

Eva Shipley, Chambers, Nebr., has Columbia Raspberry, Dwarf Rocky Mt. Cherries, Defiance Gooseberries to ex. for flower seeds, plants, Cacti or Shrubs.

Louise E. Corby, Milburn, N. J., has fine Iris and other plants to ex. for Phyllocaulos crenatus, Wrayi and other Cacti not in her collection; write.

Mrs. Nelson Sartell, Ararat, Pa., has nice Dahlias to exchange for other plants; write.

Mrs. N. Floate, Hartford, Mich., would like Perennials in ex. for other plants; write.

Miss Donie Griffith, Mantec, Miss., has Trumpet and Double Daffodils, white Jonquills and S. Cypress to ex. for bulbs, perennials, Geraniums, etc.; send.

M. E. Pardee, Springdale, Ark., has seeds of Begonia, Geranium, Cactus, Canna, etc., to ex. for others.

Mrs. Lillie Pleas, Chipley, Fla., will ex. several var. Pitcher plants, fine Cannas, Lilium Catesbaei, etc., for Lilies not in her collection, Anemones, or Milla biflora.

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